FOREST MANAGEMENT AND STUMP-TO-FOREST GATE CHAIN-OF-CUSTODY SURVEILLANCE EVALUATION REPORT

Indiana Department of Natural Resources,

Division of Forestry, Classified Forest & Wildlands Program Indiana, USA

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http://www.in.gov/dnr/forestry/4801.htm

CERTIFIED EXPIRATION 15 March 2015 14 March 2020 DATE OF FIELD AUDIT 26 Oct 2015 DATE OF LAST UPDATE 07 December 2015 SCS Contact: Brendan Grady | Director Forest Management Certification +1.510.452.8000 bgrady@scsglobalservices.com Setting the standard for sustainability

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Foreword

Cycle in annual surveillance audits			
X 1 st annual audit	2 nd annual audit	3 rd annual audit	4 th annual audit
Name of Forest Management Enterprise (FME) and abbreviation used in this report:			
Indiana Department of Natural Resources,			
Division of Forestry, Classified Forest & Wildlands Program (DNR)			

All certificates issued by SCS under the aegis of the Forest Stewardship Council (FSC) require annual audits to ascertain ongoing conformance with the requirements and standards of certification. A public summary of the initial evaluation is available on the FSC Certificate Database https://info.fsc.org/.

Pursuant to FSC and SCS guidelines, annual / surveillance audits are not intended to comprehensively examine the full scope of the certified forest operations, as the cost of a full-scope audit would be prohibitive and it is not mandated by FSC audit protocols. Rather, annual audits are comprised of three main components:

- A focused assessment of the status of any outstanding conditions or Corrective Action Requests (CARs; see discussion in section 4.0 for those CARs and their disposition as a result of this annual audit);
- Follow-up inquiry into any issues that may have arisen since the award of certification or prior to this audit; and
- As necessary given the breadth of coverage associated with the first two components, an additional focus on selected topics or issues, the selection of which is not known to the certificate holder prior to the audit.

Organization of the Report

This report of the results of our evaluation is divided into two sections. Section A provides the public summary and background information that is required by the Forest Stewardship Council. This section is made available to the general public and is intended to provide an overview of the evaluation process, the management programs and policies applied to the forest, and the results of the evaluation. Section A will be posted on the FSC Certificate Database (http://info.fsc.org/) no less than 90 days after completion of the on-site audit. Section B contains more detailed results and information for the use by the FME.

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SECTION A – PUBLIC SUMMARY

1. General Information

1.1 Annual Audit Team

Auditor Name:	Paul E. Pingrey	Auditor role:	Lead Auditor
Qualifications:	Paul Pingrey began as an independent auditor for	SCS Global Serv	ices in 2010. He is
	an ISO19011 accredited lead auditor for Chain of 0	Custody reviews	and forest
	management reviews. He worked for the Wiscons	in Department	of Natural
	Resources for over 35 years, including state and p	rivate forest ma	nagement, state
	forest tax law supervisor and administration of sta	ite forest certifi	cation programs.
	He received a forestry degree from Iowa State Un	iversity in 1974	and USFS
	Silviculturist Certification in 1988. Paul has served	as the lead FSC	Forest
	Management Auditor in past reviews for Minneso	ta DNR, Pennsy	lvania DCNR,
	Indiana DNR, Menominee Tribal Enterprises (Wisc	onsin), Johnson	Forestry (South
	Carolina), and the Greenwood Tree Farm Fund (O	regon).	

1.2 Total Time Spent on Evaluation

A.	Number of days spent on-site assessing the applicant:	4
B.	Number of auditors participating in on-site evaluation:	1
C.	Additional days spent on preparation, stakeholder consultation, and post-site follow-up:	3
D.	Total number of person days used in evaluation:	7

1.3 Standards Employed

1.3.1. Applicable FSC-Accredited Standards

Title	Version	Date of Finalization
FSC US Forest Management Standard	1-0	July, 2010
FSC Standard for Group Entities, 30-005	1-0	August, 2009

All standards employed are available on the websites of FSC International (www.fsc.org), the FSC-US (www.fsc.org) or the SCS Standards page (www.fsc.org) or the SCS Standards page (www.fsc.org). Standards are also available, upon request, from SCS Global Services (www.scsglobalservices.com).

2 Annual Audit Dates and Activities

2.1 Annual Audit Itinerary and Activities

Date	Activity
Thursday Oct 22	
8-9 am	Opening Meeting
	French Lick
9 am – 4:30 pm	District 7 field sites in Orange County
Friday Oct 23	

8 am – 4:30 pm	District 11 field sites (Dubois and Martin Co. – see below)
Saturday Oct 24	
8 am – 4:30 pm	District 16 field sites (Pike Co. – see below)
Sunday Oct 25	Day Off
Monday Oct 26	
8 am – 3 pm	District 9 & 10 field sites (Spencer, Perry and Harrison Co. – see below)
3 pm	Closing Meeting

Indiana Classified Forests 2015 Site Notes

Orange County Stop 1. This 75 acre tract of sawtimber hardwoods was originally enrolled in the Classified Forest program by a forest industry manufacturer that later decided to divest its land holdings. The parcel was sold by auction in 2009 to a farmer who conducted a harvest during the winter of 2014-15. Ash salvage and crop tree spacing improvement were the objectives. Horses were used to skid the logs out of the woods, resulting in minimal site disturbance. The residual stand is dominated by white oaks. A moist valley includes hard maples, which are managed as a sugar bush.

Orange County Stop 2. A hardwood shelterwood harvest was completed during summer 2015. Mature oaks and other trees were selected for harvest by a qualified private consulting forester, who sold the timber by bids and administered the sale. A gas company with a pipeline through the property was notified in advance of the harvest, and they inspected the proposed job for risks. Auditor observed a careful logging job and placement of water diversions on skid trails to prevent erosion. The district forester notified the landowner that some tree tops that had fallen into an intermittent stream channel must be pulled back. The district forester is also encouraging the landowner to invest some of the harvest proceeds in Timber Stand Improvement to improve spacing near future crop trees. Forester pointed out that the landowner has a personal pet cemetery in the woods, which had been buffered during the harvest.

Orange County Stop 3. A forest industry manufacturer established a walnut plantation in about 1975 on bottomland adjacent to the Patoka River. A historic iron-truss bridge spans the river. Forty-nine acres of the plantation were auctioned in 2009 to a private landowner who is now doing non-commercial thinning, pruning and grape vine control. The walnut trees appear to be doing well, with about eightinch average diameters. The landowner does the improvement work himself with advice from the district forester. The owner works without receiving any cost-sharing assistance.

Orange County Stop 4. A 100 acre parcel with a couple historic/cultural sites including an old one-room school foundation and a flagstone foundation from an 1800s general store adjacent to a spring. The woods appears to have been burned for pasture decades ago and was likely cut heavily during the farming era. The district forester marked TSI trees to cut or girdle on 60 acres. The property owners, a couple in their 70s, do the work themselves and have received EQIP cost sharing assistance. They have a system of walking trails to access the land.

Orange County Stop 5. A 125 acre Classified Forest parcel where about 40 acres have been marked for a harvest by a consulting forester. A total of 235 trees with an estimated volume of 75,000 bf have been sold but not yet cut. The selection includes a few veneer quality oaks, but the volume is mostly ash and beech. Auditor observed a well-spaced selection of future crop trees will remain. The rocky, sloping hillside includes an old rock quarry and deep ravines. Three, small 2-4 acre fields on the property had been planted with hardwood seedlings in 2011.

Orange County Stop 6. A 21 acre tract was logged last year by a landowner, removing poor quality ash and hardwood saw logs from what was likely once a wooded pasture. A stone ford was used to cross an intermittent creek. The landowner has followed up the harvest by cutting beech and other less desirable sapling/pole trees. The residual stand will be mostly yellow poplar and some oaks.

Orange County Stop 7. Active logging job on 39 acres. The current owner purchased the land a year ago for deer hunting. He has hired a sawyer and log skidder who are cutting groups of trees to make early successional deer habitat. Logs are being yarded in a neighbor's field. Logger was not present, but auditor looked over the skidder and log truck and did not observe any noticeable oil leaks.

Orange County Stop 8. Current owner's parents had planted about 100 acres of old fields to a mix of oaks, walnuts and other hardwoods about 20 years ago. Spacing was relatively tight at about 4-5 feet to foster height growth. CRP cost-sharing was used. The young trees are now about 5-6 inches diameter in many places. The owner is thinning them to improve spacing for crop trees. The property was recognized as an Outstanding Tree Farm in 2007.

Dubois County Stop 1. A 27 acre harvest of 308 oaks and other mature hardwoods, removing approximately 71,000 board feet of timber in an intermediate thinning. The harvest was active at the time of the site visit. Auditor walked the harvest area with the landowner and his consulting forester, who was filling in a sale inspection report form. The terrain is relatively steep, and the loggers took care at the end of each day to install water diversions on the skid trails to prevent erosion should it rain. Auditor observed the sawyer's skill in directional felling of large trees without damage to residual growing stock. The sawyer was wearing eye, ear and head protection. He worked effectively with a grapple skidder operator who would lift downed trees 3-4 feet off the ground so the sawyer could safely trim limbs without the risk of rolling or springing of the main bole. The skidder operator was adept at maneuvering the full-length logs out of the woods without skinning up trees. The consulting forester who set up the harvest had done a fine job anticipating where the marked trees would fall and selecting additional trees for cutting where necessary for a safe drop. The RMZ of an intermittent stream was buffered. At the log landing, the company scaler explained how he designated the logs to be bucked for length, maximizing sawtimber and veneer value.



Figure 1. Dubois County Stop 1 Veneer Logs.

Dubois County Stop 2. A harvest of mature timber from three farm woodlots had been completed about a year ago. A qualified consulting forester had marked the timber, sold it on bids and administered the harvest. The woods had apparently been a pasture when the farm was active, and the objective of the harvest was to utilize older, often injured trees to make way for newer growth. 1,063 trees with about 161 Mbf had been cut according to volume information reported by the landowner. Skid trails had been properly closed out with water diversions. Auditor interviewed the consulting forester, who said that he has provided a bid to the landowner for follow-up crop tree release, vine removal and invasive species control.

Martin County Stop 1. A landowner had dedicated this 70-acre forest parcel to the memory of his brother, a fallen U.S. Marine. The landowner has done extensive improvement work thinning trees, cutting vines, controlling invasive plants, planting wildlife food plots, developing a wildlife watering hole, maintaining an excellent trail system, etc. The owner had withdrawn 3.3 acres from the Classified Forest program for a small recreational cabin because structures are not permitted on enrolled land. The cabin site includes a memorial monument to the brother.

Martin County Stop 2. The site visit reviewed marked and sold but un-cut mature oaks and other hardwoods. The landowner and the consulting forester had provided DNR with a pre-sale notice, and an appropriate pre-harvest assessment with the timber buyer has occurred. The auditor reviewed the Forest Stewardship plan prepared by a different consultant (not the one helping with the harvest) and found that the harvest is consistent with the plan. The prescription is sound based on the condition of the woods and presence of hardwood regeneration and remaining crop trees. Auditor notes the exceptional site quality based on the number of high veneer-quality, tall trees on the site (both marked and reserved growing stock).

Pike County Stop 1. The audit team met with the owner of a 200 acre tract that is being restored to forest cover after strip mining for coal during the 1930s. The practice at that time was to pile the topsoil and overburden in long, parallel ridges about 20-30 high to get at the coal. Since there were minimal requirements then to remediate to land, the coal company essentially walked away and let nature take its course. During the past ten years, the current owner worked extensively to develop a system of access trails, spray FSC-compliant herbicides to control invasive/undesirable vegetation, girdle weed trees, and hand plant about 20,000 hardwood trees. Tree planting, invasive species control and TSI were done with assistance from EQIP cost sharing. The landowner keeps meticulous records of time and expenses, and the federal NRCS regularly audits the implemented practices. The landowner organized high school Future Farmers of America students who planted the trees by hand.

During the past year, the landowner gave permission to the federal EPA to install three acid ground water mitigation projects. The work involved leveling some of the spoils ridges to cover pyrite containing clays that contribute to acidic runoff. Leveled lands were recently seeded to a mixture of grass and herbaceous ground cover. As an experiment, the seed mix includes black locust and sassafras tree seed, which the landowner hopes will form a thicket to prevent deer browsing on 800 hardwood seedlings per acre that he intends to machine plant in spring 2016.

The landowner expressed frustration about deer damage to his planted tree seedlings. He leases the land to a hunting club that earnestly shoots all the deer they can during hunting season, but there are still high deer numbers. The landowner has requested an off-season nuisance deer control permit, which has so far been denied by the DNR Wildlife Division.

Pike County Stop 2. An active timber harvest purchased by a member of the Indiana FSC COC Group. Audit team met with the timber producer and watched as trees were de-limbed at the yard, sorted for quality, and chipped as pulpwood if the quality was not sufficient for better use. Chips from Classified Forest tracts are sold with an FSC 100% claim to a Domtar paper mill in Kentucky. During the interview, the logger explained that he has spill kits available in the trucks should a hydraulic line break or fuel be

spilled. He described precautions the logging crew takes to avoid wet-weather damage to soils and roads.

Regarding the Classified Forest tract, the DNR District Forester pointed out an error she had discovered in the enrolled property boundary map, which included a small area of ineligible cropland. She described the steps she would take to rectify the situation.

Pike County Stop 3. Audit team met with a landowner and his young son, who had been hunting on the land earlier in the day. Last winter, the landowner had directed the harvest (consistent with the forestry plan) of 134 scattered mature sycamore trees from the 56 acre lowland tract. He described advice he had received from the district forester to smooth ruts, cut vines, plant hardwoods and release crop trees. He had completed all the prescribed practices and intends to do more.

Pike County Stop 4. A 30-acre tract that had received a straightforward intermediate harvest of mature oaks and other hardwoods as prescribed in the plan. The audit team met with the consulting forester who had set up and administered the sale. We walked the property with the consultant who pointed out where a stream crossing had been located. The crossing was difficult to find since there were few impacts. The DNR district forester said that he had also inspected the stream crossing when the sale was active and was satisfied with the approach and trail closeout. The RMZ was buffered. Overall, the auditor observed that a careful harvest had been conducted with no damage to reserve trees. Snags and den trees were reserved for wildlife. The consultant expressed disappointment that this particular owner had not reinvested any of the sale revenue in timber stand improvement, but the growing stock is in generally good condition.

Spencer County Stop 1. Site listed in the DNR Natural Heritage database as a high-quality, dry flatwoods community. The 60 acre tract has a low wetland in the middle third, with the remaining uplands about 10 feet higher. The land has been in the ownership of the same family for over a century and was one of the first Classified Forest enrollments in 1924. Six rare, threatened or endangered plants have been located on or near the property. The audit team observed a forest mix of post oak, white oak, hickory, cherry and other hardwoods. The absence of tree stumps and records indicate the timber has not been harvested for about 110 years. The forest management plan allows for a harvest if desired by the landowner, but the district forester indicates that state conservancy programs might intercede if it comes to that. The site is included in the Classified Forest HCVF plan.

Perry County Stop 1. A church-owned 160-acre block, including 133 acres designated for a selection timber harvest. A consulting forester marked and sold 428 Mbf of hardwood timber, which is about half cut. The timber producer pulled out after spring rains made the soils muddy, but he will likely finish this coming winter. The district forester prefers having data on which to base a prescription, and so he collected inventory plots when he updated the forest management plan in 2013. The harvest is consistent with the plan. A Feb. 2015 sale inspection report shows the forester directed the logger to stay off old roads that were badly rutted "hog troughs" from past cutting. The new skid trails were closed with water bars before the operator exited. Forester pointed out a rock shelter under an overhanging cliff, which might have cultural significance, although not listed in any database. That area was buffered from cutting.

Perry County Stop 2. A 79 acre tract of hardwood purchased from a forestry industry land auction in 2009. The district forester showed the auditor all the previous annual reports from the landowner that showed no intent to cut timber. Last year, however, the owner allowed a logger onto the property without notifying DNR first. The logger completed a non-authorized diameter limit cut, removing all the merchantable trees and leaving little other than pole-sized yellow poplars. Steep skid trails were not properly closed out and eroded into gullies. The district forester sent the landowner a notice of non-compliance on September 24, 2015. It includes a mandatory Corrective Action Request to fix the skid trails to stop the erosion (involuntary withdrawal will result if the owner does not take corrective action). In addition to entering the CAR in the tract database, the district forester notified DNR staff in

adjoining counties to watch out for this landowner, who has other property. Forester anticipates the site will regenerate naturally to oaks and other hardwoods.

Harrison County Stop 1. A 31 acre recreational tract along the Blue River. The landowner purchased the property in 2011 from someone who had done liquidation cut. They are now following a Stewardship Plan to rehabilitate the woods. They've developed an excellent trail system and have completed beech weed-tree, vine and invasive species removal. A unique deer hunting stand complete with a spiral staircase occupies the site.

Harrison County Stop 2. A 62 acre oak hardwood stand held by the current owner for 40 years. During that time he's had four intermediate timber harvests: 1980 (32 Mbf), 1984 (30 Mbf), 1990 (66 Mbf) and 2014 (243 Mbf). Each harvest included patch openings, which have regenerated well with young oaks cherry and other hardwoods. The owner regularly releases crop trees and has inter-planted black walnuts and oaks where he was not satisfied with natural regeneration. He showed the auditor areas where he has sprayed invasive stilt grass and cut *Ailanthus* spp. A couple dug ponds provide wildlife water. The entire parcel is accessible from a network of mowed trails. The owner's family enjoys hunting on the land. He expressed appreciation for the district forester's guidance and keeps excellent records of all management activities.

2.2 Evaluation of Management Systems

SCS deploys interdisciplinary teams with expertise in forestry, social sciences, natural resource economics, and other relevant fields to assess an FME's conformance to FSC standards and policies. Evaluation methods include document and record review, implementing sampling strategies to visit a broad number of forest cover and harvest prescription types, observation of implementation of management plans and policies in the field, and stakeholder analysis. When there is more than one team member, team members may review parts of the standards based on their background and expertise. On the final day of an evaluation, team members convene to deliberate the findings of the assessment jointly. This involves an analysis of all relevant field observations, stakeholder comments, and reviewed documents and records. Where consensus between team members cannot be achieved due to lack of evidence, conflicting evidence or differences of interpretation of the standards, the team is instructed to report these in the certification decision section and/or in observations.

3. Changes in Management Practices

Excerpts from DNR Strategic Plan Overview:

Program was authorized March 10, 1921.

Purpose: To encourage timber production, wildlife habitat, and protect water quality on private lands.

Landowner incentive: Property tax reduction (Assessed value for enrolled land = \$1/acre)

Current enrollment (2015): 761,161 Acres; 15,406 tracts

Current Annual Budget: Total: \$2.09 million (of which salaries are \$1,860,780)

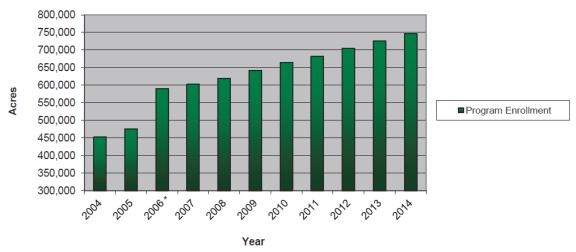
2014 Annual Accomplishments:

CFM: What We Do

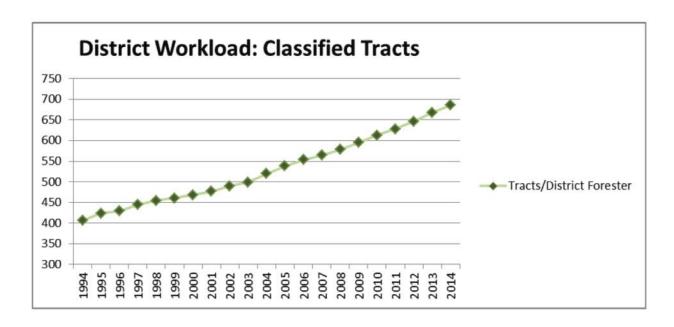
- Meet with landowners, walk their property, and discuss management options (1,179 new + 1,839 repeat clients; 163,590 acres)
- Write plans (stewardship plans: 3,020; practice plans: 476)
- Educational programing (241 programs, 13,588 attendees)
- Cost share \$\$ for management
- Refer landowners to private foresters (1,534 referrals)
- Manage the Classified Forest & Wildlands Program (20,209 acres in 387 tracts enrolled; 68 withdrawals; 2,298 reinspections, 129 revised applications, 424 certified timber harvest reviews)



PROGRAM ENROLLMENT Classified Forest Program 2004-2005 Classified Forest & Wildlands Program 2006 - Present



* Classified Forest Program & Classified Wildlife Habitat Program merged to create Classified Forest & Wildlands Program



In order to support growing workload including re-inspecting all tracts on a 5-7 year cycle, the 2015 Strategic Plan proposes fee increases as shown in the following table. The Indiana Natural Resources Commission will determine if the changes are authorized later in 2015 after DNR responds to stakeholder input.

CFM: Fee Proposal

Classified Forest & Wildlands Program

- Annual administration fee of \$2/acre
- Current minimum tax saving is \$4/acre for enrolled land
- All other services free for classified landowners
- Fee collected by county for a percentage (10%)
- Estimated revenue \$1.3 mil for Division of Forestry

4. Results of the Evaluation

4.1 Existing Corrective Action Requests and Observations

2014 Indiana Classified Forests CARs/OBS

Finding Number: 2014.1				
Select one: Ma	ajor CAR			
FMU CAR/OBS issue	ed to (when more than one FMU):			
Deadline	Pre-condition to re-certification			
	3 months from Issuance of Final Report			
	Next audit (surveillance or re-evaluation)			
	Other deadline (specify):			
FSC Indicator:	FSC-US Forest Management Standard, 6.1.b.			
	Background/ Justification in the case of Observations):			
•	ber of instances (for some districts approximately 50% of the time), DNR is not being			
I — — — — — — — — — — — — — — — — — — —	parvests are completed. As a result, pre-harvest inspections required by the Group's			
	and COC procedures that are intended to identify impacts and appropriate BMP			
	ons for RTE species, affirmation of eligible FSC claims and codes, etc. are not			
occurring.				
Corrective Action Re	equest (or Observation):			
FME shall develop a	nd implement procedures to ensure that prior to commencing timber harvests that			
will be marketed as	FSC certified (regardless of whether the timber is ultimately sold with an FSC claim),			
_	occur to assess the potential short and long-term impacts of planned management			
activities.				
FME response	The Division of Forestry has implemented a certification training program for			
(including any	professional foresters and industry. The training reviews Indiana Classified Forest			
evidence	Certified Group policies such as management plans, legacy trees, wildlife trees,			
submitted)	BMPs, rutting guidelines, chemical use, shares sales, reporting and conducting a			
	pre-harvest conference. After attending the training, participants can conduct			
	their own pre-harvest conferences and send the appropriate documents to the			
	district forester. The first training was held on March 24, 2015 and had 32			
	participants. Another training is scheduled for December 9, 2015. In addition education of landowners about contacting their district forester before			
	a harvest continues through the annual report.			
SCS review	To ensure the use of pre-harvest assessments, DNR now authorizes trained			
3C3 Teview	consulting foresters to complete the reviews in addition to DNR staff. The policy			
	change significantly increases availability of trained foresters that can guide			
	landowners. The first training session was completed in March 2015. Interviewed			
	consulting foresters at site visits were knowledgeable and comfortable with the			
	role. All the visited timber harvests in 2015 that were marketed as certified (based			
	on consultant bid forms) had received pre-harvest reviews. Note that the training			
	is voluntary and simply allows consulting foresters to offer additional services to			
	clients in Indiana while allowing DNR to meet the requirements of this finding and			
	several others.			

Status of CAR:	X Closed	
	Upgraded to Major	
	Other decision (refer to description above)	
— Other decision (rejet to description above)		
Finding Number: 20	14.3	
Select one:	ajor CAR X Minor CAR Dbservation	
FMU CAR/OBS issue	ed to (when more than one FMU):	
Deadline	Pre-condition to re-certification	
	3 months from Issuance of Final Report	
	Next audit (surveillance or re-evaluation)	
	Other deadline (specify):	
FSC Indicator:	FSC US Forest Management Standard Indicator 6.3.f.	
	Background/ Justification in the case of Observations):	
• •	a new procedure to facilitate conformance with Indicator 6.3.f. However, the forest	
•	tree marking have not been made aware of the new procedure. Furthermore, the	
	possible interpretation error in the part of the procedure related to protecting cull	
	d wildlife values. The procedure states "culls not salvaged should be left standing,"	
	rs to possibly salvage all cull trees. The guidance as written appears to be directed at	
	n directing the guidance at the initial timber marker who has the opportunity to	
	ation of "x" (signifying optional felling) to a "W" or "TSI" that removes a loggers	
discretion to fell all		
Corrective Action Re	equest (or Observation):	
	cull tree marking procedure and ensure that professional foresters and loggers	
	arking of CF) are trained in the new Wildlife and Legacy Tree procedure.	
FME response	The Division of Forestry has implemented a certification training program for	
(including any	professional foresters and industry. The first training was held on March 24, 2015	
evidence	and had 32 participants. The training reviews Indiana Classified Forest Certified	
submitted)	Group policies including snag retention. At the first training, a discussion was held	
•	about the intent of the Snag and Cull portion of the Legacy and Wildlife Tree	
	policy and that they should expect an update to the policy by the end of the year.	
	The policy update has been distributed via e-mail to district foresters and	
	attendees of the spring training via e-mail. Another certification training for	
	industry is scheduled for December 9, 2015 and this topic will be covered.	
	Landowners will be informed in the 2016 Classified Forest & Wildlands	
	Newsletter.	
	Legacy and Wildlife Trees	
	In order to keep and develop wildlife habitat and stand structures that would	
	develop from natural forest processes, the following types of trees and structures	
	should be retained:	
	 Legacy trees: Individual old trees that function as a refuge or provides 	
	important structural habitat values. "Wolf" trees at home sites, along	
	abandoned road beds, etc. are recommended for retention.	
	Large live trees: The goal is to retain at least 3 live trees greater than 19	
	inches dbh per acre.	
	• Snags & Culls: The goal is to retain/create at least 4 snags greater than 5	

	inches per acre with an optimum target of 7 snags greater than 5 inches	
	dbh per acre. Standing snags and culls not salvaged should be left	
	standing, except where they pose a human safety hazard. Cull trees may	
	be deadened (girdle, herbicide) when necessary to achieve a silvicultural	
	goal, but should be left standing. A tree with less than 10% live canopy	
	should be considered a snag. Snags that have no remaining bark or no	
	visible cracks, splits, or hollows may be felled as well as any snags leaning	
	more than 45degrees from vertical.	
	Legacy trees should be generally representative of the species mixture on the site.	
SCS review	DNR updated the cull tree marking procedure and have provided relevant training	
	to DNR and consulting foresters. The first training session occurred in March 2015	
	and more are scheduled. DNR also provided a copy of an email sent to consulting	
	foresters on Oct 21, 2015 the further clarifies the policy. During 2015 site visits,	
Status of CAR:	auditor observed appropriate retention of snags and culls.	
Status of CAR.	X Closed	
	Upgraded to Major	
	Other decision (refer to description above)	
Finding Number: 202	14.4	
Select one:	jor CAR Minor CAR X Observation	
FMU CAR/OBS issue	d to (when more than one FMU):	
Deadline	Pre-condition to certification	
	3 months from Issuance of Final Report	
	Next audit (surveillance or re-evaluation)	
	Other deadline (specify): none	
FSC Indicator:	FSC-US Forest Management Standard 6.5.c	
	or Background/ Justification in the case of Observations):	
Indicator 6.5.c requires that "management activities including site preparation, harvest prescriptions,		
•	techniques, timing, and equipment are selected and used to protect soil and water resources and to	
•	avoid erosion, landslides, and significant soil disturbance." The DoF rutting guidelines designed to	
protect soil resources allow for continued hauling and skidding as long as the ruts can be smoothed so		
that they do not exceed 18" in depth. This guideline may not be effective at preventing root damage,		
changes in hydrology, and compaction that often occur when ruts are being made. Smoothing of ruts		
does not alleviate the	e root damage, compaction, and changes to hydrology associated with rutting.	
Corrective Action Request (or Observation):		
DoF should consider implementing a revised rutting guideline that better protects soil and water		
resources.		
FME response	The Division of Forestry is working a revised rutting guideline. The guideline has	
(including any	been drafted and is under review. The guideline has been presented to district	
evidence	foresters for comment. The target for finalizing the guidelines is November 15,	
submitted)	2015. See rutting draft document.	
SCS review	DNR initiated a process to strengthen soil compaction and rutting guidelines,	
	which are still in draft form. No related training has occurred. The Observation	
	shall be carried over to track continuing progress.	

Status of CAR:	Closed
	Upgraded to Major
	X Other decision (refer to description above)
	Other decision (rejer to description above)
Finding Number: 20	014.5
	ajor CAR Observation
	ed to (when more than one FMU):
Deadline	X Pre-condition to certification
	3 months from Issuance of Final Report
	Next audit (surveillance or re-evaluation)
FCC Indicators	Other deadline (specify):
FSC Indicator:	FSC US Forest Management Standard Indicator 6.6.a **Background/Justification in the case of Observations):
•	
	rom landowners indicated that some in the certified group used prohibited
	e last year on their individual properties (2,4-D, 2-ethylhexyl ester and dicamba). equest (or Observation):
	ns to ensure that no chemicals on the FSC Highly Hazardous Pesticide list are used
	up members without a valid derogation.
FME response	The Division of Forestry actions to prevent use of FSC Highly Hazardous Pesticides
(including any	by Indiana:
evidence	Address pesticide use in the group umbrella plan:
submitted)	Pesticide Use
Subilittedj	Pesticide use is one tool available in IPM. In general non-chemical pest
	management which provides desired control and is cost effective is preferred.
	High hazardous pesticides, banned by FSC, are not to be used on ICFCG. The use of
	a banned pesticide will result in the issuance of a corrective action request and
	possible removal from the certified group. More information on banned pesticides
	is available from district foresters and on the Division of Forestry's website
	(http://www.in.gov/dnr/forestry/).
	All pesticides must be applied according to the label. Group members must keep
	records of pesticides applied to their certified forests. Landowner records should
	include the pesticide used, date, the reason for application, location of application,
	amount applied, and name of applicator. The group member must report
	pesticide use on their Classified Forest & Wildlands Annual Report.
	The group manager will review pesticides reported on the annual reports and
	issue corrective actions as necessary.
	Group Member Education
	In the Classified Forest & Wildlands Newsletter (annual) the issue of chemical use
	is discussed. See the attached example article. The spring 2015 newsletter will
	contain a reminder on chemical use. The newsletter goes to all group members
	For individuals who report using a banned chemical on their annual report, they

are contacted by the district forester to determine if the chemical was used on their certified land. If the landowner did use the chemical and it is their first use, the district forester issues educational CAR (see attached samples). Repeat use of banned chemical will result in removal of the landowner from the certified group.

 Industry Education: The Division of Forestry also works with members of the forestry industry to help prevent use of banned chemical on group lands. The State Forester attends and talks at industry meetings. We are hosting certification training for professional foresters at the end of March 2015. Pesticide use will be covered at that training.

May 18th update:

District Forester Training, Feb 26, 2015

Pesticide related slides from Training PowerPoint (FSC Highly Hazardous Chemicals Standard Updated. pptx)

Classified Forest & Wildlands Newsletter (ForCFWNewsletter2015_print.pdf): Hard copies mailed to landowners on March 24, 2015. See page 7 Green Certification Update. In a separate e-mail, you will receive a copy of the electronic newsletter for landowners who file their required reports using our online database.

Industry Green Certification Training, March 24th, 31 attendees

Pesticide related slides from Training PowerPoint (FSC Highly Hazardous Chemicals Standard Updated. pptx)

Training Attendee List (Certified Industry Preharvest Training List.xlsx)

SCS review

SCS reviewed a number of documents pertinent to the points above. An agenda for the March 24th <u>CFW Industry Training Meeting</u> was reviewed and found to include information on pesticide use. The PowerPoint slides for the training were also reviewed and found to contain correct instructions and examples pertaining to the new HHP list. SCS also reviewed the draft text pertaining to pesticide use for the next issue of the Green Certification Update, the newsletter for the Classified Forest & Wildlands Program, which is sent to all participating landowners. The text on pesticide use is accurate.

Given that the information contained within all these draft documents is accurate and up to date, but the newsletter has not yet been sent out, and the training not yet given, this Major CAR is extended for one three month period, to be closed as soon as proof that the full corrective actions have been undertaken.

May 20th update:

The above mentioned documents have been reviewed and satisfy the requirements of this CAR.

The training slides include mention of the new HHP list and how to check if a chemical is prohibited.

SCS reviewed the eNewsletter for Classified Forest participants, which includes a

	link to the recent Green Certification Update for certified members. A review of	
	the update verifies that it includes an excellent description of the new HHP list and instructions on how to ensure members are not using prohibited chemicals.	
Status of CAR:		
Status of CAR.		
	Upgraded to Major	
	Other decision (refer to description above)	
II I		
Finding Number: 2014		
•	or CAR Minor CAR X Observation	
	to (when more than one FMU):	
Deadline	Pre-condition to certification	
	3 months from Issuance of Final Report	
	Next audit (surveillance or re-evaluation)	
	Other deadline (specify): none	
FSC Indicator:	FSC-US Forest Management Standard 7.1.a viii	
	ackground/ Justification in the case of Observations):	
• •	otable exceptions, most DNR District Foresters do not stratify land cover types into	
separate stands in for	estry plans or maps, nor do they collect any stand-level inventory data. Auditors	
	w landowner files include maps that identify timber harvests or other active	
-	ich as TSI operations. Better forest management decisions would likely result from	
	formation in plans and maps, whether it be qualitative or measured/numeric.	
	quest (or Observation):	
_	e foresters to provide more stand-level cover type information in plans and maps.	
	eatments should be identified on maps. Stand-level variables should be measured heavily on intuition or perceptions.	
FME response	DoF is considering how to incorporate more stand level data into plans for larger	
(including any	classified tracts with owners who have an interest in forest management. Some	
evidence submitted)	consultant foresters already provide sale maps, this could be expanded by	
erraence caemicea,	working with industry that has participated in the certification training.	
SCS review	Interviews with district foresters indicate that most Classified Forest parcels are	
	relatively small and the tracts are treated as a block due to the continual selection	
	marking technique commonly used in Indiana. As a result, stand maps and	
	property boundary maps often coincide. Landowners with larger tracts typically	
	hire a consulting forester to prepare forest management plans and harvests, and	
	those consultant jobs generally have maps. Auditor interviews with landowners	
	also indicate that many landowners keep detailed records including maps of	
	practices they implement. Although stand-level maps and data could be	
	improved, the current approach is sufficient for the scale and intensity of the	
	Classified Forest program.	
Status of CAR:	X Closed	
	Upgraded to Major	
	Other decision (refer to description above)	

Finding Number: 2014.7

Select one:	Major CAR	Minor CAR	X Observation
FMU CAR/OBS issued to (when more than one FMU):			
Deadline	Pre-cond	dition to certification	
	3 month	s from Issuance of Fir	aal Report
		dit (surveillance or re-	·
		•	•
FSC Indicator		eadline (specify): none	
	nity (or Background/ J	_	ard FF Indicator 7.1.b.
	• •	•	t plan are sometimes not executed by the
		_	ecommend using regeneration openings to
	• •		vners will implement regeneration openings on
_	_	•	tions is another example of management plan
	tions that are someti		
	ction Request (or Obs	•	
	•	•	sure management recommendations are
implemented	_		
FME respons		es to work with our fe	deral partners to find funding to incentivize
(including an			nanagement activities. For example, DoF just
evidence	submitted a	grant proposal to the	Forest Service that would, if funded, provide
submitted)	payments to	landowners to create	e openings/early successional habitat. DoF is
	also a partne	er on the Hoosier Hills	& Highlands Joint Chief Grant Proposal that if
	funded will p	provide money throug	h EQIP to fund control of invasives, planting of
		n control, riparian buf	
SCS review			Actions undertaken on the FMU are consistent
		•	elp to achieve the stated goals and objectives of
	*	_	its, nearly all the implemented practices
	-		, TSI, invasive species control, etc.) were
		_	nt plans. In situations where the owner did
	_		diameter limit cut in Perry County), the owner
Status of CAS		nt a notice of noncon	formity and corrective actions that are required.
Status of CAF	R: X Closed		
	Upgrade	d to Major	
	Other de	cision (refer to descri	otion above)
Finding Num	ber: 2014.8		F-1
Select one:	☐ Major CAR	☐ Minor CAR	X Observation
FMU CAR/O	3S issued to (when mo	ore than one FMU):	
Deadline	Pre-cond	dition to certification	
	3 month	s from Issuance of Fir	al Report
			·
		lit (surveillance or re-	·
		eadline (specify): none	
FSC Indicator		t Management Stand	
Non-Conforn	n ity (or Background/ J	lustification in the cas	e of Observations):

There is often very in	There is often very little interaction between District Foresters, loggers and consulting foresters		
regarding harvests or management planning on any given property. Other forest workers are rarely			
aware of the stewardship plans or the recommendations therein. This lack of coordination between all			
those working in the	forest results in incomplete implementation of individual stewardship plans.		
Corrective Action Re	quest (or Observation):		
DoF should consider	exploring ways to improve the coordination between all forest workers, to ensure		
that all workers are o	qualified to properly implement the management plan and are provided with		
sufficient guidance a	nd supervision to adequately implement their respective components of the plan.		
FME response	The Division of Forestry has implemented a certification training program for		
(including any	professional foresters and industry. The training reviews Indiana Classified Forest		
evidence	Certified Group policies such as management plans, legacy trees, wildlife trees,		
submitted)	BMPs, rutting guidelines, chemical use, shares sales, reporting and conducting a		
	pre-harvest conference. The first training was held on March 24, 2015 and had 32		
	participants. Another training is scheduled for December 9, 2015.		
SCS review	Revision of DNR's pre-harvest assessment to authorize trained consulting		
	foresters to conduct the reviews is improving information sharing. Interviews with		
	consulting foresters and loggers during 2015 site visits indicated that they had		
	received copies of the parcels' plans.		
Status of CAR:	X Closed		
	Upgraded to Major		
	U Other decision (refer to description above)		
Finding Number: 201	<i>1</i> 0		
Finding Number: 201			
Select one: Maj	or CAR Minor CAR X Observation		
Select one: Maj			
Select one: Maj	or CAR Minor CAR X Observation		
Select one: Maj	or CAR Minor CAR X Observation d to (when more than one FMU): Pre-condition to certification		
Select one: Maj	or CAR Minor CAR X Observation I to (when more than one FMU): Pre-condition to certification 3 months from Issuance of Final Report		
Select one: Maj	or CAR Minor CAR X Observation I to (when more than one FMU): Pre-condition to certification 3 months from Issuance of Final Report Next audit (surveillance or re-evaluation)		
Select one: Maj FMU CAR/OBS issued Deadline	or CAR Minor CAR X Observation It to (when more than one FMU): Pre-condition to certification 3 months from Issuance of Final Report Next audit (surveillance or re-evaluation) X Other deadline (specify): none		
Select one: Maj FMU CAR/OBS issued Deadline FSC Indicator:	Minor CAR Sto (when more than one FMU): Pre-condition to certification 3 months from Issuance of Final Report Next audit (surveillance or re-evaluation) X Other deadline (specify): none FSC US Forest Management Standard 8.2.a.1		
Select one: Maj FMU CAR/OBS issued Deadline FSC Indicator: Non-Conformity (or E	Minor CAR X Observation Ito (when more than one FMU): Pre-condition to certification 3 months from Issuance of Final Report Next audit (surveillance or re-evaluation) X Other deadline (specify): none FSC US Forest Management Standard 8.2.a.1 Background/ Justification in the case of Observations):		
Select one: Maj FMU CAR/OBS issued Deadline FSC Indicator: Non-Conformity (or E DoF collects inventor	Minor CAR		
FSC Indicator: Non-Conformity (or ED) Description: Non-Edicator: Non-Conformity (or ED) These plots provide up	Minor CAR A to (when more than one FMU): Pre-condition to certification 3 months from Issuance of Final Report Next audit (surveillance or re-evaluation) X Other deadline (specify): none FSC US Forest Management Standard 8.2.a.1 Background/ Justification in the case of Observations): y data at the state level through the relatively newly begun system of CFI plots. pdated coarse grain inventory information that should allow trends to be tracked		
FSC Indicator: Non-Conformity (or Education of these plots provide a over time. However,	Ato (when more than one FMU): Pre-condition to certification 3 months from Issuance of Final Report Next audit (surveillance or re-evaluation) X Other deadline (specify): none FSC US Forest Management Standard 8.2.a.1 Background/ Justification in the case of Observations): y data at the state level through the relatively newly begun system of CFI plots. pdated coarse grain inventory information that should allow trends to be tracked very little property level inventory data is being collected – and on the smallest		
FSC Indicator: Non-Conformity (or ED) Described by the second of the sec	Ato (when more than one FMU): Pre-condition to certification 3 months from Issuance of Final Report Next audit (surveillance or re-evaluation) X Other deadline (specify): none FSC US Forest Management Standard 8.2.a.1 Background/ Justification in the case of Observations): y data at the state level through the relatively newly begun system of CFI plots. Indeed coarse grain inventory information that should allow trends to be tracked very little property level inventory data is being collected – and on the smallest ac, this level of data collection may not be useful or feasible. Inventory data is being		
FSC Indicator: Non-Conformity (or Education of Collects inventor These plots provide a cover time. However, properties of only 10 collected however or	Ato (when more than one FMU): Pre-condition to certification 3 months from Issuance of Final Report Next audit (surveillance or re-evaluation) X Other deadline (specify): none FSC US Forest Management Standard 8.2.a.1 Background/ Justification in the case of Observations): y data at the state level through the relatively newly begun system of CFI plots. pdated coarse grain inventory information that should allow trends to be tracked very little property level inventory data is being collected – and on the smallest ac, this level of data collection may not be useful or feasible. Inventory data is being larger properties, sometimes by the landowner, or with the assistance of a		
FSC Indicator: Non-Conformity (or Education of Collects inventor These plots provide a cover time. However, properties of only 10 collected however or consulting forester.	Ato (when more than one FMU): Pre-condition to certification 3 months from Issuance of Final Report Next audit (surveillance or re-evaluation) X Other deadline (specify): none FSC US Forest Management Standard 8.2.a.1 Background/ Justification in the case of Observations): y data at the state level through the relatively newly begun system of CFI plots. pdated coarse grain inventory information that should allow trends to be tracked very little property level inventory data is being collected – and on the smallest ac, this level of data collection may not be useful or feasible. Inventory data is being a larger properties, sometimes by the landowner, or with the assistance of a larger properties, or those interested in conducting regular harvests, this		
FSC Indicator: Non-Conformity (or Education of the plots provide a collected however or consulting forester. Conventory data could	Minor CAR		
FSC Indicator: Non-Conformity (or Education Properties of only 10 collected however or consulting forester. Conventory data could Corrective Action Reserved.	Minor CAR Mobservation Pre-condition to certification 3 months from Issuance of Final Report Next audit (surveillance or re-evaluation) Mother deadline (specify): none FSC US Forest Management Standard 8.2.a.1 Background/ Justification in the case of Observations): A data at the state level through the relatively newly begun system of CFI plots. Indeed coarse grain inventory information that should allow trends to be tracked every little property level inventory data is being collected — and on the smallest ac, this level of data collection may not be useful or feasible. Inventory data is being a larger properties, sometimes by the landowner, or with the assistance of a contain larger properties, or those interested in conducting regular harvests, this prove useful in management planning. Quest (or Observation):		
FSC Indicator: Non-Conformity (or Entered) DoF collects inventor These plots provide a over time. However, properties of only 10 collected however or consulting forester. Conventory data could Corrective Action Responses	Minor CAR		
FSC Indicator: Non-Conformity (or Entered) Description of the plots provide to over time. However, properties of only 10 collected however or consulting forester. Conventory data could Corrective Action Report including at a minimum.	Minor CAR Mobservation Pre-condition to certification 3 months from Issuance of Final Report Next audit (surveillance or re-evaluation) Mother deadline (specify): none FSC US Forest Management Standard 8.2.a.1 Background/ Justification in the case of Observations): A data at the state level through the relatively newly begun system of CFI plots. Indeed coarse grain inventory information that should allow trends to be tracked every little property level inventory data is being collected — and on the smallest ac, this level of data collection may not be useful or feasible. Inventory data is being a larger properties, sometimes by the landowner, or with the assistance of a contain larger properties, or those interested in conducting regular harvests, this prove useful in management planning. Quest (or Observation):		

FME response	DoF is still considering this observation. Inventory on larger classified tracts with a
(including any	landowner who has timber management as primary objective would be the top
evidence submitted)	priority for inventory work. The challenge is finding the method to achieve this
	goal considering current funding and staff.
SCS review	Considering program staffing constraints, scale and intensity, and the availability
	of consulting foresters to landowners with timber management objectives, the
	auditor concludes that DNR's current approach to Classified Forest inventory
	complies with minimum FSC requirements, although is not ideal given the long-
	term goals of the program. The organization also expressed an intent to
	strengthen the inventory aspect of the program and is seeking fee increases
	through the strategic plan process that will help them accomplish more.
Status of CAR:	X Closed
	Upgraded to Major
	Other decision (refer to description above)
	Cities decision (rejet to description above)
Finding Number: 202	
	,·· · · · · · · · · · · · · · · · · · ·
	d to (when more than one FMU):
Deadline	Pre-condition to certification
	3 months from Issuance of Final Report
	X Next audit (surveillance or re-evaluation)
	Other deadline (specify):
FSC Indicator:	FSC US Forest Management Standard Indicator 8.5.a
	Background/ Justification in the case of Observations):
• •	ted to "Volume and Growth of Classified Forest and Wildland Program Lands" was
_	ernet by Indiana Division of Forestry on October 8, 2008, but it hasn't been updated
•	nt on-line program summary is dated 2008. BMP monitoring results have not been
	No HCVF-related monitoring summaries were found for Classified Forests.
	equest (or Observation):
	dated, publically available monitoring results for the indicators in Criterion 8.2.
FME response	A 2014 Program Summary has been developed and the request to have it posted
(including any	to the DoF website has been made. Summary should be online by the end of
evidence	October 2015. In regards to volume and growth data, IN DNR Classified Forest
submitted)	Report of Continuous Forest Inventory (CFI) Summary of Years 2011-2014 is posted
	at http://www.in.gov/dnr/forestry/files/fo-
	Classified Forests CFI Report 2011 2014.pdf
SCS review	As of Oct 29, 2015, the auditor observed that current volume, BMP compliance
	and other summary data for the Classified Forest program are available on the
	organization's website. Many useful updates were prepared in conjunction with
	the 2015 Forestry Strategic Plan.
Status of CAR:	X Closed
	Upgraded to Major
	Other decision (refer to description above)

Finding	Number: 2	014.11		
Select o	one: 🗌 N	lajor CAI	AR X Minor CAR Diservation	
FMU CAR/OBS issued to (when more than one FMU):				
Deadlin	ie	3 m	re-condition to certification months from Issuance of Final Report ext audit (surveillance or re-evaluation) ther deadline (specify):	
FSC Ind	icator:	FSC US	S Forest Management Standard Indicator 9.1.a	
In prepa general commu been co	aration for parties of the Hearth of the Hea	past audi ICVF cate hat could s describ	ground/ Justification in the case of Observations): dits, DoF has conducted components of their HCVF evaluation which has resulted in a tegories determined to be present, a combined acreage of these areas, and a list of ld be designated as HCVF if found in the field. However, a full HCVF assessment has not ye bed in Appendix F. t (or Observation):	et
that dat	ta are availa	able, adja	the presence of High Conservation Value Forests (HCVF) within the FMU and, to the exte jacent to their FMU, in a manner consistent with the assessment process, definitions, data ce described in Appendix F.	
FME res (includion evidence submitt	sponse ng any re	DoF has forest b that cor the Clas	as identified HCVF within the Classified Forest Certified Group. Tracts that are part of a block (>740 acres) in an ag dominated landscape have been identified using GIS. Also tracentain S1 or S2 communities have been identified. The information has been captured in assified Forest & Wildlands online database in the tract record making the data available ters and landowners. DoF foresters continue looking for tracts that contain hemlock during	to
SCS rev	iew	them to	ugh DNR has the components of a Classified Forests HCVF assessment, they have not pulle together into a report per FSC-US guidance. At a minimum, the assessment shall describe onsidered, stakeholders consulted and conclusions regarding each HCV type. CAR is carrient promoted to Major.	
Status o	of CAR:	Clo	osed pgraded to Major ther decision (refer to description above)	
	inding Nun		D14.12 Jajor CAR	
			ed to (when more than one FMU):	
Ε	Deadline		Pre-condition to re-certification 3 months from Issuance of Final Report Next audit (surveillance or re-evaluation) Other deadline (specify):	
F	SC Indicato	or:	SCS FSC Chain of Custody Indicators for Forest Management Enterprises 2.2	
r	ach group i	member	r Background/ Justification in the case of Observations): r must report the volume of timber sold on an annual report. Of 249 tracts that were a timber harvest in 2013, only 81 tracts (33%) had records of board foot volume	

Numerous site visits indicate that landowners often do not receive or report quantity of products sold			
Numerous site visits indicate that landowners often do not receive or report quantity of products sold. Interviews indicated that many loggers and some consulting foresters do not always provide species			
and volume information.			
	equest (or Observation):		
	nd implement procedures to define the forest gate and a material accounting		
system that includes	the volume of FSC-certified products sold.		
FME response	DoF continues to educate ICFCG members (newsletter and CARs) and industry		
(including any	(certification training) regarding reporting of material sold on Classified Forest. On		
evidence	the 2014 Classified Forest annual report 67% of timber sale reports included		
submitted)	volume harvested. For certified sales that were reported as sold FSC certified,		
	96% included the volume information – one sale included number of trees sold		
	but did not include the volume.		
SCS review	A change in procedures to involve consultants in pre-harvest reviews and the		
	training and outreach conducted by DNR are resulting in improved timber harvest		
	reporting.		
Status of CAR:	X Closed		
	Upgraded to Major		
	Other decision (refer to description above)		
Finding Number: 20	14.13		
	ajor CAR		
	d to (when more than one FMU):		
Deadline	Pre-condition to re-certification		
	3 months from Issuance of Final Report		
	Next audit (surveillance or re-evaluation)		
	Other deadline (specify):		
FSC Indicator:	SCS FSC Chain of Custody Indicators for Forest Management Enterprises 3.2		
Non-Conformity (or	Background/ Justification in the case of Observations):		
The auditor ran a Go	ogle search to look for uses of the FSC trademarks (including the letters FSC and the		
words Forest Stewar	dship Council, as well as the graphic logos). The search found 230 web pages that		
	ship Council". Google found 1,380 pages in the IN.GOV domain that use "FSC", but		
not all of those hits a	are in regard to forest certification.		
	ordinator provided one 2011 SCS authorization (email) for an <u>Indiana Tree Project</u>		
web page, but the gr	raphic logo used on the page was not the one approved by SCS and is non-		
conforming. The Coordinator had no other trademark use authorizations from SCS.			
The auditor sampled some of the other web pages using FSC trademarks but was unable to find any			
with an FSC license code or other elements of an FSC promotional panel. Additional potentially			
nonconforming trademark uses were observed.			
Corrective Action Request (or Observation):			
The FME shall request authorization from SCS to use the FSC trademarks for promotional use, including			
the public Internet s			
FME response	The Division of Forestry has set up new accounts (Indiana Classified Certified		

(including any	Group and DoF State Forest) in the SCS logo website and has submitted and		
evidence	received approvals for logo use on the Division of Forestry webpage and		
submitted)	documents (see attached approval lists and screenshots of websites). The CoC		
	group has also received logo approvals and updated their section of the website		
	(see screenshot). The DoF is working with the Natural Resources Foundation to		
	get the Indiana Tree Project website updated to include the approved logo. Logo		
	approval will be an ongoing process for the website and document development.		
SCS review	SCS has reviewed the evidence provided by the FME, including evidence of		
	correspondence and approval for logo usage.		
Status of CAR:	X Closed		
	Upgraded to Major		
	Other decision (refer to description above)		
Finding Number: 202	14.14		
Select one: X Ma	ijor CAR		
	d to (when more than one FMU):		
Deadline	X Pre-condition to re-certification		
	3 months from Issuance of Final Report		
	Next audit (surveillance or re-evaluation)		
	Other deadline (specify):		
FSC Indicator:	SCS FSC Chain of Custody Indicators for Forest Management Enterprises 4.1, 4.2		
Non-Conformity (or	Non-Conformity (or Background/ Justification in the case of Observations):		
When landowners sell timber on shares, loggers and/or consultants are effectively serving as			
outsourcing contract	ors that cut and broker the timber and transport logs to concentration yards or to		
certified mills. There	is no evidence that group member contracts with timber producers and/or		
consultants include p	provisions that address requirements of a COC control system.		
Corrective Action Re	equest (or Observation):		
The FME shall identif	fy loggers and consultants that agree to provide outsourcing services that are		
consistent with the g	group's FSC COC requirements. Such a directory of loggers and consultants signing		
an FSC conformance agreement shall be provided to group members. If group members elect to work			
with an outsourcing contractor not listed in the directory, then the individual landowner shall be			
responsible for demo	onstrating that their agreement with the service provider includes all applicable FSC		
COC requirements.			
FME response	To address this issue, the Division of Forestry has added the following language to		
(including any	the ICFCG Umbrella Plan:		
evidence			
submitted)	Timber from ICFCG lands sold on shares cannot be passed down the chain of		
	custody unless the shares sale logger/consultant (outsourcing contractor) is FSC		
	Chain of Custody certified.		
	To make the new policy known, the following steps will be taken:		
	 A notice will be place in the Timber Buyer's Bulletin starting in March and 		
	running for several months. The Timber Buyers Bulletin goes to all timber		
	buyers licensed in Indiana.		
	A notice will be included in the Classified Forest & Wildlands newsletter		

	(spring 2015).
	 The information will be shared at the certification training for professional foresters in March 2015.
	May 18 th update:
	Classified Forest & Wildlands Newsletter (ForCFWNewsletter2015 print.pdf):
	Hard copies mailed to landowners on March 24, 2015. See page 7 Green
	Certification Update.
	. th
	Industry Green Certification Training, March 24 th , 31 attendees
	Shares sale related slide from Training PowerPoint (Shares Sales on ICFCG. pptx) Training Attendee List (Certified Industry Preharvest Training List.xlsx)
	Licensed Timber Buyer Bulletin (LTB) Announcement: The LTB is sent monthly to
	all licensed timber buyer in Indiana. An announcement regarding shared sales on
	certified Classified Forest has been included since March and will be continued to
SCS review	be included through August 2015. (LTB Shares Sales Blurb. pdf) To address this issue, SCS reviewed the notice to be placed in the Timber Buyer's
3C3 Teview	Bulletin, the same notice to be placed in the program newsletter, the slides
	mentioning the policy change and explaining it for the certification training, and
	the new language in the Umbrella Plan.
	Given that the newsletters haven't gone out yet and the training has not yet taken
	place, this Major CAR is extended for one three month period, to be closed when evidence is submitted that prove the above actions have taken place.
	evidence is submitted that prove the above actions have taken place.
	May 20 th update:
	SCS has reviewed the above listed documents sent on May 18 th and finds they
	provide verification that the actions intended to address the Major CAR have
_	been completed.
Status of CAR:	X Closed
	Upgraded to Major
	Other decision (refer to description above)
Finding Number: 2014	
•	or CAR X Minor CAR Description
<u> </u>	to (when more than one FMU):
Deadline	Pre-condition to certification
	3 months from Issuance of Final Report
	Next audit (surveillance or re-evaluation)
	Other deadline (specify):
FSC Indicator:	FSC Standard for Group Entities 1.4

Non-Conformity (or Background/ Justification in the case of Observations):		
Conversations with District Foresters during the audit indicated that although FSC topics are covered at		
annual meetings and training is occasionally conducted to improve staff understanding of FSC concepts,		
additional training is I	ikely needed for complicated topics on a semi-regular basis. Topics that auditors felt	
foresters could improve their understanding of included RSAs, HCVF, old growth and Chain of Custody.		
Corrective Action Rec	quest (or Observation):	
DoF shall define traini	ing needs and implement training activities and/or communication strategies	
relevant to the implementation of the applicable FSC standards.		
FME response	District Training Needs	
(including any	General –	
evidence submitted)	ICFCG Enforcement: withdrawals from groups, CAR – when, why, how to handle	
	HCVF: types, how to identify, how HCVF identification changes management	
	ICFCG policies: seeding, green tree retention, rutting guidelines, snag trees, legacy	
	trees	
	Pesticide Policy: change in banned pesticide – use of CAS #	
	New staff-	
	BMP training	
	Training Activities/Communication Strategies	
	February 2015 – Section Meeting – Indiana bat & snag retention, Green	
	Certification Decision Forms, HCVF, banned pesticides, audit review	
	September 2015 – Section Meeting – Certification Review: RSA, Old Growth, HCFV,	
	draft rutting guidelines, 2017 logger training requirements	
	September 2015 – Best Management Practices Training – new foresters	
	Winter 2015/16 Rutting Guideline Training	
	Spring 2016 – Section Meeting – Corrective Actions: why, when & how	
	Other:	
	Develop a certification calendar for 2016	
	Include Certification reminders in CFM Updates	
	Create standard CAR letters – timber harvest, pesticide use, etc.	
SCS review	DNR's increased focus on FSC-related training is documented in publications, 2015	
	Strategic Plan material, and the agendas for completed and planned training	
	events. District and consulting forester awareness of these issues was good during	
	2015 field interviews.	
Status of CAR:	X Closed	
	Upgraded to Major	
	Other decision (refer to description above)	
Finding Number: 201		
Select one: Major CAR Minor CAR Sobservation FMU CAR/OBS issued to (when more than one FMU):		
LIMIO CAK/OBS ISSUED	r to (when more than one rivio):	

Deadline	Pre-condition to certification
	3 months from Issuance of Final Report
	Next audit (surveillance or re-evaluation)
	X Other deadline (specify): none
FSC Indicator:	FSC Standard for Group Entities, 3.1.v
Non-Conformity (or B	ackground/ Justification in the case of Observations):
	system has a method whereby District Foresters can add violations from a drop
down list for particula	r properties when CARs are noted. However, knowledge and use of this component
of CAR tracking is inco	nsistent among District Foresters and not all CARs are going into the database.
•	is is also not consistent. Thus, while DoF has a process for issuing internal CARs, this
	tly applied and followed through on.
	puest (or Observation):
	larifying or providing additional training to District Foresters on the process
•	fulfill any corrective action requests issued internally, including timelines and
	the corrective actions are not complied with.
FME response	A CAR specific training is planned for the 2016 Spring Section meeting as well as
(including any	the development of a certification calendar to help CFM staff remember to do
evidence submitted)	checks for reports of pesticide use, timber harvests, etc.
SCS review	Training in respect to this observation is planned but not completed. During field
	interviews, one district forester pointed out that internal CARs can be entered in the tract record but not in the landowner record, making it difficult for foresters in
	other counties to learn if a landowner has been previously issued a CAR elsewhere
	for a nonconformity. DNR is considering changes in the landowner database to
	allow CAR tracking across properties. The OBS is to be carried over for tracking.
Status of CAR:	Closed
	Upgraded to Major
	X Other decision (refer to description above)
4.2.N	to Author Born and an I Observation
4.2 New Correct	ive Action Requests and Observations
	Finding Number: 2015.1 (carry over of OBS 2014.4)
Select one:	or CAR Minor CAR X Observation
FMU CAR/OBS issued	to (when more than one FMU):
Deadline	Pre-condition to certification
	3 months from Issuance of Final Report

Next audit (surveillance or re-evaluation)

FSC-US Forest Management Standard 6.5.c

X Other deadline (specify):

FSC Indicator:

Non-Conformity (or Background/ Justification in the case of Observations): Indicator 6.5.c requires that			
"management activities including site preparation, harvest prescriptions, techniques, timing, and			
equipment are selected	equipment are selected and used to protect soil and water resources and to avoid erosion, landslides,		
and significant soil dis	turbance." The DoF rutting guidelines designed to protect soil resources allow for		
continued hauling and	skidding as long as the ruts can be smoothed so that they do not exceed 18" in		
depth. This guideline	may not be effective at preventing root damage, changes in hydrology, and		
compaction that ofter	n occur when ruts are being made. Smoothing of ruts does not alleviate the root		
damage, compaction,	and changes to hydrology associated with rutting.		
The Division of Forest	ry is working a revised rutting guideline. The guideline has been drafted and is		
under review. The gu	ideline has been presented to district foresters for comment. The target for		
finalizing the guideline	es is November 15, 2015. See rutting draft document.		
Corrective Action Rec	uest (or Observation): DoF should follow-through implementing a revised rutting		
guideline that better	protects soil and water resources.		
FME response			
including any			
evidence submitted)			
SCS review			
Status of CAR:	Closed		
	Upgraded to Major		
	Other decision (refer to description above)		
	Finding Number: 2015.2		
Select one: X Maio			
Select one: X Majo	or CAR		
FMU CAR/OBS issued	or CAR		
	or CAR		
FMU CAR/OBS issued	or CAR		
FMU CAR/OBS issued	or CAR		
FMU CAR/OBS issued	or CAR		
FMU CAR/OBS issued Deadline	or CAR		
FMU CAR/OBS issued Deadline FSC Indicator:	or CAR		
FSC Indicator: Non-Conformity (or Both	or CAR		
FSC Indicator: Non-Conformity (or B) The annual report from	or CAR		
FMU CAR/OBS issued Deadline FSC Indicator: Non-Conformity (or Both the annual report from the micals within the left)	To (when more than one FMU): Pre-condition to certification X 3 months from Issuance of Final Report Next audit (surveillance or re-evaluation) Other deadline (specify): FSC US Forest Management Standard Indicator 6.6.a ackground/ Justification in the case of Observations): In landowners indicated that one member in the certified group used prohibited ast year on their individual property (diquat dibromide - CAS Registry Number 85-		
FMU CAR/OBS issued Deadline FSC Indicator: Non-Conformity (or Both the annual report from the chemicals within the 100-7; prohibited under the conformity of the conformity (or Both the conformity (To (when more than one FMU): Pre-condition to certification X 3 months from Issuance of Final Report Next audit (surveillance or re-evaluation) Other deadline (specify): FSC US Forest Management Standard Indicator 6.6.a ackground/ Justification in the case of Observations): Im landowners indicated that one member in the certified group used prohibited ast year on their individual property (diquat dibromide - CAS Registry Number 85-ir FSC-GUI-30-001 V2-0 (2007) and FSC-STD-30-001a (2015) unless a derogation is		
FSC Indicator: Non-Conformity (or Both the annual report from the chemicals within the log-7; prohibited under granted). DNR district	to (when more than one FMU): Pre-condition to certification X 3 months from Issuance of Final Report Next audit (surveillance or re-evaluation) Other deadline (specify): FSC US Forest Management Standard Indicator 6.6.a ackground/ Justification in the case of Observations): In landowners indicated that one member in the certified group used prohibited ast year on their individual property (diquat dibromide - CAS Registry Number 85- T FSC-GUI-30-001 V2-0 (2007) and FSC-STD-30-001a (2015) unless a derogation is forester has interviewed the landowner and confirmed non-conforming use of a		
FMU CAR/OBS issued Deadline FSC Indicator: Non-Conformity (or Be chemicals within the loo-7; prohibited under granted). DNR district banned product, but I	to (when more than one FMU): Pre-condition to certification X 3 months from Issuance of Final Report Next audit (surveillance or re-evaluation) Other deadline (specify): FSC US Forest Management Standard Indicator 6.6.a ackground/ Justification in the case of Observations): In landowners indicated that one member in the certified group used prohibited ast year on their individual property (diquat dibromide - CAS Registry Number 85- T FSC-GUI-30-001 V2-0 (2007) and FSC-STD-30-001a (2015) unless a derogation is forester has interviewed the landowner and confirmed non-conforming use of a DNR has not yet initiated an internal CAR per group procedures.		
FMU CAR/OBS issued Deadline FSC Indicator: Non-Conformity (or Both the Indicator of Indicator o	to (when more than one FMU): Pre-condition to certification X 3 months from Issuance of Final Report Next audit (surveillance or re-evaluation) Other deadline (specify): FSC US Forest Management Standard Indicator 6.6.a ackground/ Justification in the case of Observations): In landowners indicated that one member in the certified group used prohibited ast year on their individual property (diquat dibromide - CAS Registry Number 85- T FSC-GUI-30-001 V2-0 (2007) and FSC-STD-30-001a (2015) unless a derogation is forester has interviewed the landowner and confirmed non-conforming use of a DNR has not yet initiated an internal CAR per group procedures. Juest (or Observation):		
FSC Indicator: Non-Conformity (or Both the annual report from the chemicals within the law of the conformity (or Both the conformity). DNR district banned product, but I Corrective Action Records and the conformity (or Both the conformity). DNR district banned product, but I Corrective Action Records and the conformity (or Both the conformity).	or CAR		
FSC Indicator: Non-Conformity (or Be The annual report from the chemicals within the I 00-7; prohibited under granted). DNR district banned product, but I Corrective Action Record DNR shall take actions any certified group metals.	to (when more than one FMU): Pre-condition to certification X 3 months from Issuance of Final Report Next audit (surveillance or re-evaluation) Other deadline (specify): FSC US Forest Management Standard Indicator 6.6.a ackground/ Justification in the case of Observations): In landowners indicated that one member in the certified group used prohibited ast year on their individual property (diquat dibromide - CAS Registry Number 85- T FSC-GUI-30-001 V2-0 (2007) and FSC-STD-30-001a (2015) unless a derogation is forester has interviewed the landowner and confirmed non-conforming use of a DNR has not yet initiated an internal CAR per group procedures. Juest (or Observation):		
FMU CAR/OBS issued Deadline FSC Indicator: Non-Conformity (or Both the Indicator of Indicator o	or CAR		
FMU CAR/OBS issued Deadline FSC Indicator: Non-Conformity (or Both the Indicator) The annual report from the Indicator within the Indicator with Indicator within the Indicator	or CAR		
FMU CAR/OBS issued Deadline FSC Indicator: Non-Conformity (or Both the Indicator of Indicator o	or CAR		

Status of CAR:	Closed
	Upgraded to Major
	Other decision (refer to description above)
	Finding Number: 2015.3 (upgraded Minor CAR 2014.11)
Select one: X Majo	or CAR Minor CAR Observation
	to (when more than one FMU):
Deadline	Pre-condition to certification
	X 3 months from Issuance of Final Report
	Next audit (surveillance or re-evaluation)
FSC Indicator:	U Other deadline (specify):
	FSC US Forest Management Standard Indicator 9.1.a ackground/ Justification in the case of Observations):
• .	t audits, DoF has conducted components of their HCVF evaluation which has
	ist of the HCVF categories determined to be present, a combined acreage of these
	mmunity types that could be designated as HCVF if found in the field. However, a
	has not yet been completed as described in Appendix F. Although DNR has the
components of a Class	sified Forests HCVF assessment, they have not pulled them together into a report
per FSC-US guidance.	
Corrective Action Rec	
	map the presence of High Conservation Value Forests (HCVF) within the FMU and,
	a are available, adjacent to their FMU, in a manner consistent with the assessment
•	lata sources, and other guidance described in Appendix F. At a minimum, the
	ribe data considered, stakeholders consulted and conclusions regarding each HCV
type.	
FME response	
(including any evidence submitted)	
SCS review	
Status of CAR:	
	☐ Closed
	Upgraded to Major
	Other decision (refer to description above)
	Finding Number: 2015.4 (carry over of OBS 2014.16)
Select one:	or CAR Minor CAR X Observation
	to (when more than one FMU):
Deadline	Pre-condition to certification
	3 months from Issuance of Final Report
	Next audit (surveillance or re-evaluation)
	X Other deadline (specify):
FSC Indicator:	FSC Standard for Group Entities, 3.1.v
Non-Conformity (or Bo	ackground/ Justification in the case of Observations):

From 2014.16: The IN	FRMS database system has a method whereby District Foresters can add violations	
from a drop down list for particular properties when CARs are noted. However, knowledge and use of this		
component of CAR tra	cking is inconsistent among District Foresters and not all CARs are going into the	
database. Follow up o	n violations is also not consistent. Thus, while DoF has a process for issuing internal	
CARs, this process is inconsistently applied and followed through on.		
2015 Update: Training	in respect to this observation is planned but not completed. During field	
interviews, one distric	t forester pointed out that internal CARs can be entered in the tract record but not	
in the landowner reco	rd, making it difficult for foresters in other counties to learn if a landowner has	
been previously issued	d a CAR elsewhere for a nonconformity. DNR is considering changes in the	
landowner database to allow CAR tracking across properties.		
Corrective Action Req	uest (or Observation):	
DoF should consider clarifying or providing additional training to District Foresters on the process		
expected to issue and fulfil any corrective action requests issued internally, including timelines and		
implications if any of t	he corrective actions are not complied with.	
FME response		
(including any		
evidence submitted)		
SCS review		
Status of CAR:	Closed	
	Upgraded to Major	
	Other decision (refer to description above)	

5. Stakeholder Comments

In accordance with SCS protocols, consultation with key stakeholders is an integral component of the evaluation process. Stakeholder consultation takes place prior to, concurrent with, and following field evaluations. Distinct purposes of such consultation include:

- To solicit input from affected parties as to the strengths and weaknesses of the FME's
 management, relative to the standard, and the nature of the interaction between the company
 and the surrounding communities.
- To solicit input on whether the forest management operation has consulted with stakeholders regarding identifying any high conservation value forests (HCVFs).

Principal stakeholder groups are identified based upon results from past evaluations, lists of stakeholders from the FME under evaluation, and additional stakeholder contacts from other sources (e.g., chair of the regional FSC working group). The following types of groups and individuals were determined to be principal stakeholders in this evaluation:

5.1 Stakeholder Groups Consulted

FME Management and staff	Local and regionally-based environmental
	organizations and conservationists

Consulting foresters	Forest industry groups and organizations
Contractors	Local, state, and federal regulatory agency
	personnel
Local and regionally-based social interest and	Purchasers of logs harvested on FME forestlands
civic organizations	

Stakeholder consultation activities are organized to give participants the opportunity to provide comments according to general categories of interest based on the three FSC chambers, as well as the SCS Interim Standard, if one was used. The table below summarizes the major comments received from stakeholders and the assessment team's response. Where a stakeholder comment has triggered a subsequent investigation during the evaluation, the corresponding follow-up action and conclusions from SCS are noted below.

5.2 Summary of Stakeholder Comments and Responses from the Team, Where Applicable

	eholder comments from interested parties as a result of stakeholder
outreach activities during this annu	ual audit.
Stakeholder comments	SCS Response
Economic concerns	
Considering the public benefits	The state legislature authorized DNR to collect fees to recover cost
of wildlife habitat, clean water,	of services, and DNR is following a strategic planning process to have
etc. provided by my property, I	fees approved or rejected by the Indiana Natural Resources
do not consider the proposed	Commission. The organization is conformant with FSC criterion 1.1.
Classified Forest \$2 annual	
acreage fee to be justified.	
Social concerns	
None received.	
Environmental concerns	
A landowner expressed	Noted by the auditor. Division of Forestry does not have jurisdiction
frustration about deer damage	over nuisance deer control permits.
to his planted tree seedlings. He	
leases the land to a hunting club	
that shoots all the deer they can	
during hunting season, but there	
are still high deer numbers. The	
landowner has requested an off-	
season nuisance deer control	
permit, which has so far been	
denied by the DNR Wildlife	
Division.	

6. Certification Decision

The certificate holder has demonstrated continued overall conformance to the	
applicable Forest Stewardship Council standards. The SCS annual audit team	Yes X No

recommends that the certificate be sustained, subject to subsequent annual	
audits and the FME's response to any open CARs.	
Comments:	

7. Changes in Certification Scope

Any changes in the scope of the certification since the previous audit are highlighted in yellow in the tables below.

Name and Contact Information

Organization name	Indiana DNR Division of Forestry		
Contact person	Brenda Huter		
Address	402 W. Washington St., Telephone 317-232-0142		
	Room W296, Indianapolis, IN	Fax	317-233-3863
	46204 USA	e-mail	bhuter@dnr.in.gov
		Website	www.in.gov/dnr/forestry

FSC Sales Information

X FSC Sales contact information same as above.			
FSC salesperson			
Address		Telephone	
		Fax	
		e-mail	
		Website	

Scope of Certificate

Certificate Type	Single FMU	Multiple FMU
	Group	
SLIMF (if applicable)	Small SLIMF	Low intensity SLIMF
	certificate	certificate
	Group SLIMF certif	icate
# Group Members (if applicable)	7,998 landowners	
Number of FMU's in scope of certificate	10,388 parcels	
Geographic location of non-SLIMF FMU(s)	Latitude: 39°46'02.12" N (Indianapolis)	
	Longitude: 86°09'55.47" W (Indianapolis)	
Forest zone	Boreal	∑ Temperate ☐ Tem
	Subtropical	Tropical
Total forest area in scope of certificate which is:		Units: \square ha or $oxtimes$
ac		
privately managed	210,919ha (521,193ac)	
state managed	0	
community managed	0	

Number of FMUs in scope that are:				
less than 100 ha in area	10,226 parcels	100 - 1000 ha in area		162 parcels
1000 - 10 000 ha in	0	more	than 10 000 ha in area	0
area				
Total forest area in scope	e of certificate which is	include	ed in FMUs that:	Units: 🗌 ha or 🔀
ac				
are less than 100 ha in area			185,109 ha (457,415 ac)	
are between 100 ha and 1000 ha in area		<mark>25,810 ha (63,778 ac)</mark>		
meet the eligibility criteria as low intensity SLIMF				
FMUs				
Division of FMUs into manageable units:				
Most FMUs are small enough in size that individual properties are not further divided into				
management units – some larger properties have stands delineated, with varying management and				
harvests planned by stand type.				

Production Forests

Timber Forest Products	Units: Na or ac
Total area of production forest (i.e. forest from which timber may be	210,919ha (521,193ac)
harvested)	
Area of production forest classified as 'plantation'	0
Area of production forest regenerated primarily by replanting or by a	0
combination of replanting and coppicing of the planted stems	1 242 242
Area of production forest regenerated primarily by natural	Approximately 210,919ha
regeneration, or by a combination of natural regeneration and	<mark>(521,193ac)</mark>
coppicing of the naturally regenerated stems	
Silvicultural system(s)	Area under type of
	management
Even-aged management	
Clearcut (clearcut size range)	
Shelterwood	
Other:	
Uneven-aged management	Approximately 90% of
	harvests are selection
Individual tree selection	
Group selection	
Other:	
Other (e.g. nursery, recreation area, windbreak, bamboo, silvo-	
pastoral system, agro-forestry system, etc.)	
The sustainable rate of harvest (usually Annual Allowable Harvest or	Average annual cut of
AAH where available) of commercial timber (m3 of round wood)	approximately 30 million board
Anti where available, or commercial timber (in 5 or round wood)	feet (Doyle)
Non-timber Forest Brodusts (NITEDs)	reet (Doyle)
Non-timber Forest Products (NTFPs)	
Area of forest protected from commercial harvesting of timber and	0
managed primarily for the production of NTFPs or services	
Other areas managed for NTFPs or services	

Approximate annual commercial production of non-timber forest products included in the scope of the certificate, by product type

Explanation of the assumptions and reference to the data source upon which AAH and NTFP harvest rates estimates are based:

The DOF conducts an annual analysis of the most current 5 years of FIA data for the plots located on Classified Forest & Wildlands tracts. This analysis is supplemented with a Continuous Forest Inventory (CFI) being developed on ICFCG parcels, with similar protocols as those used for the state forest CFI program.

Species in scope of joint FM/COC certificate: Scientific/Latin Name (Common/Trade Name)

American chestnut (Castanea dentata)

White ash (Fraxinus americana)

Green ash (Fraxinus pennyslvanica)

Black ash (Fraxinus nigra)

Blue ash (Fraxinus quadrangulata)

American basswood (Tilia americana)

American beech (Fagus grandifolia)

Ohio Buckeye (Aesculus glabra)

Butternut (Juglans cinerea)

Black cherry (Prunus serotina)

Kentucky coffeetree (Gymnocladus dioicus)

Eastern cottonwood (Populus deltoides)

American elm (Ulmus americana)

Red/Slippery elm (*Ulmus rubra*)

Blackgum (Nyssa sylvatica)

Sweetgum (Liquidambar styraciflua)

Hackberry (Celtis occidentalis)

Sugar (Hard) maple (Acer saccharum)

Silver (Soft) maple (Acer saccharinum)

Red (Soft) maple (Acer rubrum)

Shagbark hickory (Carya ovata)

Mockernut hickory (Carya alba)

Bitternut hickory (Carya cordiformis)

Pecan (Carya illinoinensis)

Black locust (Robinia pseudoacacia)

Honey locust (Gleditsia triacanthos)

White oak (Quercus alba and others)

Red oak (Quercus rubra and others)

Osage-Orange (Maclura pomifera)

Sassafras (Sassafras albidum)

American sycamore (Platanus occidentalis)

Black walnut (Juglans nigra)

Black willow (Salix nigra)

Yellow-poplar (Liriodendron tulipifera)

Persimmon (Diospyros virginiana)

American Basswood (Tilia Americana)

Eastern White pine (Pinus strobus)

FSC Product Classification

Timber products		
Product Level 1	Product Level 2	Species

W1 Rough Wood	W1.1 Roundwood	All
W1 Rough Wood	W1.2 Fuelwood	All
W3 Wood in chips or particles	W3.1	All
Non-Timber Forest Produ	ıcts	
Product Level 1	Product Level 2	Product Level 3 and Species

Conservation Areas

Total area of forest and non-forest land protected from commercial harvesting of timber and managed primarily for conservation objectives have a conservation objectives have a conservation objectives have a conservation of a conservation of a conservation of a conservation objectives have a conservation values, majority of Classified are available for harvesting the objective of conservation values, processed and a conservation values, processed and conservation values, processed and conservation values, processed and conservation values of				mally be for , but the d Forests vest; rogram, are d for , but the on applies	
	Code	HCV Type	Description & Location		Area
	HCV1	Forests or areas containing globally, regionally or nationally significant concentrations of biodiversity values (e.g. endemism, endangered species, refugia).			
	HCV2	Forests or areas containing globally, regionally or nationally significant large landscape level forests, contained within, or containing the management unit, where viable populations of most if not all naturally occurring species exist in natural patterns of distribution and abundance.			43,597 acres
	HCV3	Forests or areas that are in or contain rare, threatened or endangered ecosystems.	S1, S2 commu	nities across state	10,110 acres
	HCV4	Forests or areas that provide basic services of nature in critical situations (e.g. watershed protection, erosion control).			

	HCV5	Forests or areas fundamental to meeting basic needs of local communities (e.g. subsistence, health).		
	HCV6	Forests or areas critical to local communities' traditional cultural identity (areas of cultural, ecological, economic or religious significance identified in cooperation with such local communities).		
Total Area of forest classified as 'High Conservation Value Forest/ Area'				53,707 acres

Areas Outside of the Scope of Certification (Partial Certification and Excision)

N/A – All forestland owned or managed by the applicant is included in the scope.			
Applicant owns and/or manages other FMUs not under evaluation.			
Applicant wishes to excise portions of the FMU(s) under evaluation from the scope of certification.			
Explanation for exclusion of	Participants in the Classified Fores	sts and Wildlands Program have	
FMUs and/or excision:	the option to opt out of the certified group. Some percentage of		
landowners have opted out of the certificate and are not include			
	in this scope.		
Control measures to prevent Those landowners who have opted out of the group may still			
mixing of certified and non-	conduct timber sales, but do not have access to the CoC		
certified product (C8.3):	information or certificate codes and cannot make certified sales.		
	Sales and loads are never mixed between certified and non-certified		
	landowners.		
Description of FMUs excluded from or forested area excised from the scope of certification:			
Name of FMU or Stand	Location (city, state, country)	Size (ha or ac)	
Uncertified Classified Acres	Statewide	<mark>241,615</mark>	
(nonforested acres, landowner			
declined certification or			
undecided)			

8. Annual Data Update

8.1 Social Information

Number of forest workers (including contractors) working in forest within scope of certificate			
(differentiated by gender):			
# of male workers: 16 (state employees only)	# of female workers: 7 (State employees		
	<mark>only)</mark>		
Number of accidents in forest work since last audit	Serious: #0	Fatal: #0	

8.2 Annual Summary of Pesticide and Other Chemical Use

Commercial name of pesticide / herbicide	Active ingredient	Quantity applied annually (kg or lbs)	Size of area treated during previous year	Reason for use
Triplet	2,4-D, dicamba, R-2- (2-methyl 4- chlorophenoxy) proponic acid		19	Invasive species control, grape vine control
2,4-D	2,4-D		2,453 acres	Timber stand improvement, invasive species control, grape vine control
Clopyralid	Clopyralid		10 acres	
Crossbow	2,4-D; triclopyr		3,936 acres	Timber stand improvement, invasive species control, grape vine control
Bayer Advanced Lawn Weed and Crabgrass Killer	2,4-D, quindlorac, dicamba		1 acres	Invasive species control
Pathway	2,4-D , picloram		910 acres	Timber stand improvement, invasive species control, grape vine control
Milestone	aminopyralid		356 acres	Invasive species control
Banvel	dicamba		50 acres	Invasive species control
Diquat	<mark>diquat</mark>		3 acres	Invasive species control
Fusilade	fluazifop-P-butyl		70 acres	Invasive species control
Accord, Eliminator, Roundup, Rodeo, Big & Tuff	glyphosate		10,422 acres	Timber stand improvement, invasive species control, warm season grass planting, tree planting
Plateau	Imazapic		14 acres	Invasive species control
Habitat	imazapyr		25 acres	Timber stand

			improvement, invasive species
			control
Princep	simazine	6 acres	
		5,613 acres	Timber stand
			improvement,
			invasive species
			control, grape vine
Tordon	Picloram		control
		168 acres	Invasive species
Poast	sethoxydim		control
		18 acres	Timber stand
			improvement,
			invasive species
	sulfometuron		control, tree
Oust	methyl		planting
		3,041 acres	Timber stand
			improvement,
Garlon, Element,			invasive species
Pathfinder, Bayer			control, grape vine
Brush Killer Plus	triclopyr		control

Note: The Tordon-picloram products are identified as CAS 6753-47-5 and CAS 2545-60-0 formulations, not the banned version CAS 1918-02-1. Likewise, Fusilade uses fluazifop-P-butyl (CAS 79241-46-6) not the banned fluazifop-butyl (CAS 69806-50-4).

One landowner reported using banned product diquat (CAS Registry Number 85-00-7). DNR district forester has interviewed the landowner and confirmed non-conforming use of a banned product, but DNR has not yet initiated an internal CAR per group procedures.

SECTION B – APPENDICES (CONFIDENTIAL)

Appendix 1 – List of FMUs Selected For Evaluation

FME consists of a single FMU

TME consists of multiple FMUs or is a Group

SCS staff establishes the design and level of sampling prior to each group or multiple FMU evaluation according to FSC-STD-20-007. A list of the FMUs sampled is presented in the audit itinerary. Landowners' names are omitted for confidentiality purposes. SCS samples the Indiana Classified group as a set of SLIMF RMUs, with each district representing one RMU with numerous SLIMF group members. Prior to the audit, a spreadsheet of all the member properties with recent management activity listed by district was provided to the auditor for initial sample selection. In addition to harvests, tracts were selected in each district to assess other activities such as invasive weed control, TSI, planting, and the presence of natural areas or other special features. In consultation with the district foresters, the lead auditor considered time and travel constraints, ease of access and stakeholder issues on a property by property basis. All properties are natural forest and all are SLIMF.

Appendix 2 – List of Stakeholders Consulted

List of FME Staff Consulted

Name	Title	Contact Information	Consultation method
Brenda Huter	Stewardship		Opening meeting, field
Brenda Huter	Coordinator		audit
John Seifert	State Forester		Opening meeting, field audit
Zack Smith	Forest Programs Coordinator		Field audit
Janet Eger	District Forester	812 583-9383	Field audit
James Dye	District Forester	812 582-2619	Field audit
Gretchen Herbaugh	District Forester	812 631-9378	Field audit
Carl Hauser	District Forester	812 608-2147	Field audit
Abby Irwin	District Forester	812 972-2704	Field audit
Allie Cline	District Forester	812-294-4306	Field audit

List of other Stakeholders Consulted

Name	Organization	Contact	Consultation	Requests Cert.
		Information	method	Notf.
Justin Herbaugh	Consulting		Field Interview	No
	Forester			
Travis Cole	Group Member		Field	No
David Seng	Group Member		Field	No
Mark Luff	Group Member		Field	No
Tom Werner	Logger		Field Interview	No

Adam Tattersol	Logger	Field Interview	No
The Nature Conservancy		Email (no	
		response)	
Indiana Forest Alliance		Email (no	
		response)	
Indiana Forest & Woodland		Email (no	
Owner Association		response)	
Indiana Association of		Email (no	
Consulting Foresters		response)	
Ruffed Grouse Society		Email (no	
		response)	
Indiana Hardwood		Email (no	
Lumbermen's Association		response)	

Appendix 3 - Additional Audit Techniques Employed

None.

Appendix 4 – Pesticide Derogations

X There are no active pesticide derogations for this FME.					
Name of pesticide / herbicide (active ingredient) Date derogation approved					
Condition Conformance (C / NC)		Evidence of progress			

Appendix 5 – Detailed Observations

Evaluation	FSC P&C Reviewed
Year	
2014	All – (Re)certification Evaluation
2015	This year's assessment included the following FSC criteria and their associated indicators (most of these relate to open findings from the 2014 re-evaluation audit, plus P1): 1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 6.1, 6.3, 6.5, 7.1, 7.3, 8.2, 8.3, 8.5, 9.1. Group Entity Criteria: C1 General Requirements, C2 Responsibilities, C3 Group entity's procedures, C9 Sales of forest products and use of the FSC trademark
20XX	
20XX	
20XX	

Annual audit indicator tracking sheet:



C= Conformance with Criterion or Indicator NC= Nonconformance with Criterion or Indicator NA = Not Applicable NE = Not Evaluated

FSC Principles Checklist

FSC Forest Management Standard (v1.0)—United States

REQUIREMENT	C/NC	COMMENT/CAR	
Principle #1: Compliance with Laws and FSC Principles Forest management shall respect all applicable laws of the country in which they occur, and international treaties and agreements to which the country is a signatory, and comply with all FSC Principles and Criteria.			
1.1 Forest management shall respect all	С		
national and local laws and administrative			
requirements.			
1.1.a Forest management plans and operations demonstrate compliance with all applicable federal, state, county, municipal, and tribal laws, and administrative requirements (e.g., regulations). Violations, outstanding complaints or investigations are provided to the Certifying Body (CB) during the annual audit.	С	The Indiana Classified Forest Certified Group (Indiana Department of Natural Resources – Division of Forestry) exhibits strong conformance with laws, rules, and regulations. There are no enforcement actions against the agency related to compliance with applicable federal, state, or local forestry and related environmental laws and regulations. As individual group management plans typically are prepared using DNR's templates, FMPs and operations reviewed demonstrate overall compliance considering the size of the group.	
1.1.b To facilitate legal compliance, the forest owner or manager ensures that employees and contractors, commensurate with their responsibilities, are duly informed about applicable laws and regulations.	С	Indiana DNR has an extensive set of internal administrative policies that assure compliance with laws. Training is provided to employees to make them aware of requirements. Notices and updates to policies are regularly distributed. Department legal staff advises the agency. Interviews with staff indicate that the Indiana State Code is readily available via the Internet. Indiana Classified Forest Certified Group Umbrella Management Plan and sample timber sale contract language include sections on compliance with laws and regulations.	
1.2. All applicable and legally prescribed fees, royalties, taxes and other charges shall be paid.	С		

1.2.a The forest owner or manager provides written evidence that all applicable and legally prescribed fees, royalties, taxes and other charges are being paid in a timely manner. If payment is beyond the control of the landowner or manager, then there is evidence that every attempt at payment was made. FF Indicator: Low risk of negative social or environmental impact.	С	Group member payment of annual property taxes is the only fee required. As explained by DNR, the fee for Classified Forests is based on an assessed value of only \$1 per acre, with most participants paying only a minimum of \$5 per year. Non-payment has not been an issue. DNR is proposing a \$2/acre annual fee for Classified Forests in a 2015 Forestry Strategic Plan. The Indiana Natural Resources Commission will decide the fate of the proposal later next
		year.
1.3. In signatory countries, the provisions of	С	
all binding international agreements such		
as CITES, ILO Conventions, ITTA, and		
Convention on Biological Diversity, shall be		
respected.		
1.3.a. Forest management plans and	С	In the United States, each state is responsible for
operations comply with relevant provisions		regulating the commercial sale of this CITES-listed
of all applicable binding international		species. In the State of Indiana, there is one forest
agreements.		species covered under CITES, Panax quinquefolius
FF Indicator: Low risk of negative social or		or American ginseng. DNR provides <u>a flyer on</u>
environmental impact		ginseng regulations.
		International treaties are implemented through federal legislation such as the Lacy Act. DNR has internal procedures demonstrating conformance to this and other applicable treaties.
1.4. Conflicts between laws, regulations	С	
and the FSC Principles and Criteria shall be		
evaluated for the purposes of certification,		
on a case by case basis, by the certifiers and		
the involved or affected parties.		
1.4.a. Situations in which compliance with	С	The auditor found no evidence of any conflicts
laws or regulations conflicts with compliance		between Indiana laws and the FSC-US Forest
with FSC Principles, Criteria or Indicators are		Management Standard. DNR staff reported no
documented and referred to the CB.		known conflicts in the 2015 assessment.
1.5. Forest management areas should be	С	
protected from illegal harvesting,		
settlement and other unauthorized		
activities.		

1.5.a. The forest owner or manager	С	During 2015 site visits, the auditor observed CFP
supports or implements measures intended		properties to be well gated and signed. CFP
to prevent illegal and unauthorized activities		regulations require posting the corners of
on the Forest Management Unit (FMU).		enrolled properties. During 5-year re-inspections,
		DF's take note of unauthorized activities and
		discuss ways to address the problem.
1.5.b. If illegal or unauthorized activities	С	Most of the properties are posted, gated, and
occur, the forest owner or manager		contain CFP signs. In some instances owners work
implements actions designed to curtail such		with Conservation Officers. Some landowners use
activities and correct the situation to the		hidden cameras to monitor activity. District
extent possible for meeting all land		Foresters can assist group members with
management objectives with consideration		guidance if timber theft or illegal activities are
of available resources.		noted.
1.6. Forest managers shall demonstrate a	С	
long-term commitment to adhere to the		
FSC Principles and Criteria.		
1.6.a. The forest owner or manager	С	The Classified Forest Umbrella plan includes a
demonstrates a long-term commitment to		requirement that "Landowners are the group
adhere to the FSC Principles and Criteria and		members and are responsible for implementing
FSC and FSC-US policies, including the FSC-		the FSC certification standards and policies on
US Land Sales Policy, and has a publicly		their classified forests." The 2015 Forestry
available statement of commitment to		Strategic Plan includes a commitment to FSC
manage the FMU in conformance with FSC		certification.
standards and policies.		
1.6.b . If the certificate holder does not	С	For participating landowners, the group
certify their entire holdings, then they		program's rules provide that "All of a landowner's
document, in brief, the reasons for seeking		eligible parcels will be included in the group
partial certification referencing FSC-POL-20-		certification." Under statute, a parcel of land may
002 (or subsequent policy revisions), the		not be classified under the program if a dwelling
location of other managed forest units, the		or other building is situated on the parcel.
natural resources found on the holdings		Also, a parcel of land may not be classified under
being excluded from certification, and the		the program if it is grazed by domestic animals or
management activities planned for the		confined non-domesticated animals.
holdings being excluded from certification.		commed non domesticated animals.
1.6.c. The forest owner or manager notifies	NA	FME is a SLIMF.
the Certifying Body of significant changes in	11/7	TIME IS A SERVIT.
ownership and/or significant changes in		
management planning within 90 days of		
such change.	С	DND managers provided SCS with an undeted
FF Indicator 1.6.c The forest owner, manager		DNR managers provided SCS with an updated
or group manager notifies the Certifying		group roster prior to the audit. Member details

Body of significant changes in ownership,		are available to SCS via the INFRMS web
the certified land base and/or significant		database. Group membership summary data is
changes in management planning prior to		available on the Internet.
the next scheduled annual audit, or within		available of the interfect.
one year of such change, whichever comes		
first.		
Principle #2: Long-term tenure and use rights	to the	a land and forest resources shall be clearly
defined, documented and legally established		e land and forest resources shall be clearly
	<u> </u>	enous peoples to own, use and manage their
lands, territories, and resources shall be reco	_	
Principle #4: Forest management operations		
economic well-being of forest workers and lo		
		encourage the efficient use of the forest's multiple
	bility	and a wide range of environmental and social
benefits. (NE)	h:-	Jacinal diversity and its sessioned values water
		ological diversity and its associated values, water and landscapes, and, by so doing, maintain the
ecological functions and the integrity of the f		and landscapes, and, by so doing, maintain the
6.1. Assessments of environmental impacts	C	
shall be completed appropriate to the		
scale, intensity of forest management and		
the uniqueness of the affected resources		
and adequately integrated into		
management systems. Assessments shall		
include landscape level considerations as		
well as the impacts of on-site processing		
facilities. Environmental impacts shall be		
assessed prior to commencement of site-		
disturbing operations.		
6.1.a Using the results of <i>credible scientific</i>	С	Items 1-6 are included in the management plan
analysis, best available information		template. Verified by reviewing management
(including relevant databases), and local		plans for properties visited during 2015 audit.
knowledge and experience, an assessment		
of conditions on the FMU is completed and		
includes:		
Forest community types and		
development, size class and/or successional		
stages, and associated <i>natural disturbance</i>		
regimes;		
2) Rare, Threatened and Endangered (RTE)		
species and rare ecological communities		
(including plant communities);		
3) Other habitats and species of		
- J Other Habitats and species of		

C

C

management concern;

- 4) Water resources and associated riparian habitats and hydrologic functions;
- 5) Soil resources; and
- 6) *Historic conditions* on the FMU related to forest community types and development, size class and/or successional stages, and a broad comparison of historic and current conditions.

6.1.b Prior to commencing site-disturbing activities, the forest owner or manager assesses and documents the potential short and long-term impacts of planned management activities on elements 1-5 listed in Criterion 6.1.a.

The assessment must incorporate the *best* available information, drawing from scientific literature and experts. The impact assessment will at minimum include identifying resources that may be impacted by management (e.g., streams, habitats of management concern, soil nutrients). Additional detail (i.e., detailed description or quantification of impacts) will vary depending on the uniqueness of the resource, potential risks, and steps that will be taken to avoid and minimize risks.

Pre-harvest inspections required by the Group's forest management and COC procedures identify impacts and appropriate BMP measures, precautions for RTE species, affirmation of eligible FSC claims and codes, etc. To ensure the use of pre-harvest assessments, DNR now authorizes trained consulting foresters to complete the reviews in addition to DNR staff. The policy change significantly increases availability of trained foresters that can guide landowners. The first training session was completed in March 2015. Interviewed consulting foresters at 2015 site visits were knowledgeable and comfortable with the role. The visited timber harvests in 2015 that were marketed as certified had received preharvest reviews.

6.1.c Using the findings of the impact assessment (Indicator 6.1.b), management approaches and field prescriptions are developed and implemented that: 1) avoid or minimize negative short-term and long-term impacts; and, 2) maintain and/or enhance the long-term ecological viability of the forest.

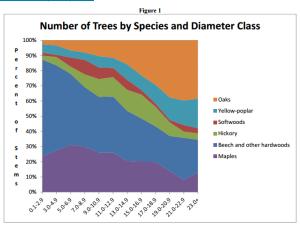
Inspections of harvest operations during 2015 audit indicated that impacts are being avoided or minimized. DNR district foresters and trained consulting foresters are involved in preparing project plans. Sampled harvests, tree planting, invasive species control, mine waste remediation and other practices demonstrated careful practices. The Classified Forest program includes an involuntary declassification procedure with a financial penalty as a deterrent to negative impacts.

A sample of ICF properties are inspected each

		year for BMP compliance. A 2014 summary is
		available online:
		Gross Neglect, 0.06% Major Departure, 2.03% Minor Departure, 12.30% Meets Requirement, 85.62%
		Figure 1: Overall CFW BMP application percentages.
6.1.d On public lands, assessments	NA	No public lands within the group.
developed in Indicator 6.1.a and	INA	No public latius within the group.
management approaches developed in		
Indicator 6.1.c are made available to the		
public in draft form for review and comment		
prior to finalization. Final assessments are		
also made available.		
6.2 Safeguards shall exist which protect	NE	
rare, threatened and endangered species	'\'	
and their habitats (e.g., nesting and feeding		
areas). Conservation zones and protection		
areas shall be established, appropriate to		
the scale and intensity of forest		
management and the uniqueness of the		
affected resources. Inappropriate hunting,		
fishing, trapping, and collecting shall be		
controlled.		
6.3. Ecological functions and values shall be	С	
maintained intact, enhanced, or restored,		
including: a) Forest regeneration and		
succession. b) Genetic, species, and		
ecosystem diversity. c) Natural cycles that		
affect the productivity of the forest		
ecosystem.		
6.3.a.1 The forest owner or manager	С	Via tax incentives, the ICF encourages landowners
maintains, enhances, and/or restores under-		to maintain land as forest. ICF contributes to
represented <i>successional</i> stages in the FMU		moving forest to late successional because a
that would naturally occur on the types of		significant percentage of group members do not
sites found on the FMU. Where old growth		harvest timber on their properties.

of different community types that would naturally occur on the forest are underrepresented in the landscape relative to natural conditions, a portion of the forest is managed to enhance and/or restore old growth characteristics.

DNR uses a combination of continuous forest inventory (CFI) and Forest Inventory Analysis (FIA) data to evaluate forest age class distribution. 2014 data on tree sizes is represented in a recent summary report:



DNR notes the non-uniform distribution of the number of stems by diameter class for different species (Figure 1). In this sample, all Oak species combined represented about 3.3% of all saplings 1 inch to less than 5 inches d.b.h. The lack of Oak seedlings/saplings and abundance of Maple seedlings/saplings suggests a future decline of Oak/Hickory forest types as mature stands senesce. By providing management planning assistance and referrals to consulting foresters for harvest assistance, the Classified Forest program helps to regenerate younger age classes.

6.3.a.2 When a *rare ecological community* is present, modifications are made in both the management plan and its implementation in order to maintain, restore or enhance the viability of the community. Based on the vulnerability of the existing community, *conservation zones* and/or *protected areas* are established where warranted.

C

Rare ecological communities are identified through the Natural Heritage database. When rare communities are identified for a property, District Foresters will advise landowner to protect that community. Other rare community types, which are not rare enough to be tracked in Natural Heritage database, are identified by District Foresters during property inspections. Given that the majority of silviculture on ICF group members is single tree selection, it is unlikely that rare community types would be damaged by logging. Sensitive areas are buffered as noted in 2015 site notes.

6.3.a.3 When they are present, management maintains the area, structure, composition, and processes of all *Type 1* and *Type 2 old growth*. Type 1 and 2 old growth are also protected and buffered as necessary with conservation zones, unless an alternative plan is developed that provides greater overall protection of old growth values.

Type 1 Old Growth is protected from harvesting and road construction. Type 1 old growth is also protected from other timber management activities, except as needed to maintain the ecological values associated with the stand, including old growth attributes (e.g., remove exotic species, conduct controlled burning, and thinning from below in dry forest types when and where restoration is appropriate).

Type 2 Old Growth is protected from harvesting to the extent necessary to maintain the area, structures, and functions of the stand. Timber harvest in Type 2 old growth must maintain old growth structures, functions, and components including individual trees that function as refugia (see Indicator 6.3.g).

On public lands, old growth is protected from harvesting, as well as from other timber management activities, except if needed to maintain the values associated with the stand (e.g., remove exotic species, conduct controlled burning, and thinning from below in forest types when and where restoration is appropriate).

On American Indian lands, timber harvest may be permitted in Type 1 and Type 2 old growth in recognition of their sovereignty ICFCG tracts are assessed for the presence of HCVF, including old growth by District Foresters during regular tract inspections and other property visits. Candidate areas are submitted by the District Forester to the Group Manager who determines if further evaluation is needed. If further evaluation is warranted, the Group Manager will set up an assessment committee.

Training for district and consulting foresters on HCVF topics including old growth occurred in 2013 and 2015.

A listing of <u>Indiana old-growth forest sites</u> is available on the DNR website.

and	d unique ownership. Timber harvest is		
per	mitted in situations where:		
1.	Old growth forests comprise a significant		
	portion of the tribal ownership.		
2.	A history of forest stewardship by the		
	tribe exists.		
3.	High Conservation Value Forest		
	attributes are maintained.		
4.	Old-growth structures are maintained.		
5.	Conservation zones representative of old		
	growth stands are established.		
6.	Landscape level considerations are		
	addressed.		
7.	Rare species are protected.		
6.3	.b To the extent feasible within the size	NA	Not applicable given the small size of CF
of t	the ownership, particularly on larger		properties.
ow	nerships (generally tens of thousands or		
mo	re acres), management maintains,		
enl	nances, or restores habitat conditions		
sui	table for well-distributed populations of		
ani	mal species that are characteristic of		
for	est ecosystems within the landscape.		
6.3	.c Management maintains, enhances	С	RMZ are protected through implementation of
	d/or restores the plant and wildlife		Indiana BMPs. Audit team observed good
	pitat of Riparian Management Zones		conformance with RMZ protection during 2015
(RI	<i>MZs)</i> to provide:		audit (e.g., Dubois Stop 1, Pike Stop 4).
a)	habitat for aquatic species that breed in		
	surrounding uplands;		
b)	habitat for predominantly terrestrial		
	species that breed in adjacent <i>aquatic</i>		
	habitats;		
c)	habitat for species that use riparian		
	areas for feeding, cover, and travel;		
d)	habitat for plant species associated		
	with riparian areas; and,		
e)	stream shading and inputs of wood and		
	leaf litter into the adjacent aquatic		
	ecosystem.		
	nd-scale Indicators	С	The individual tree and group selection
	.d Management practices maintain or		silviculture practiced on ICF group members is
enl	nance plant species composition,		generally consistent with maintaining plant

distribution and frequency of occurrence		species composition. ICF members manage for a
similar to those that would naturally occur		diversity of species, and unique plant
on the site.		communities that are tracked in the Natural
		Heritage Inventory are protected (e.g., Spencer
		County Stop 1). Plantings tend to be favor
		species such as oak and walnut, which are
		otherwise decreasing due to maturing forests and
		natural conversion to more shade tolerant types.
		Management guidance provided to landowners
		also emphasizes control of invasive species such
		as ailanthus and Japanese stilt grass (see site
		notes).
6.3.e When planting is required, a local	С	Nearly all planting stock used by group members
source of known provenance is used when		comes from the State of Indiana nurseries that
available and when the local source is		use local seed of known provenance to grow
equivalent in terms of quality, price and		native trees and shrubs. The state nursery does
productivity. The use of non-local sources		sell Norway spruce, which is suggested as a
shall be justified, such as in situations where		windbreak tree rather than a forest planting.
other management objectives (e.g. disease		
resistance or adapting to climate change)		In 2014, DNR Forestry nurseries sold 2.6 million
are best served by non-local sources. <i>Native</i>		seedlings of 50-plus species to generate \$860,000
species suited to the site are normally		in revenue.
selected for regeneration.		
		In 2014, DNR began working with the American
		Chestnut Foundation to grow American Chestnut
		seedlings to help restore this threatened tree
		species. An ongoing relationship with the
		foundation and plans to grow the project are
		expected. Several thousand plants were produced
		in the project's first year.
		DNR Forestry partners with the Indiana
		Department of Corrections on nursery and seed
		collection labor to keep seedling prices low and
		make quality plants available to Indiana citizens.
		The working experience is helping provide these
		individuals with knowledge that may help them in
626 Marriage		the future (DNR 2014 Annual Report).
6.3.f Management maintains, enhances, or	С	DNR updated the cull tree marking procedure and
restores habitat components and associated		have provided relevant training to DNR and
stand structures, in abundance and		consulting foresters. The first training session

distribution that could be expected from occurred in March 2015 and more are scheduled. naturally occurring processes. These DNR also provided a copy of an email sent to consulting foresters on Oct 21, 2015 the further components include: a) large live trees, live trees with decay or clarifies the policy. During 2015 site visits, auditor declining health, snags, and wellobserved appropriate retention of snags and distributed coarse down and dead culls. See DNR response to CAR 2014.3. woody material. *Legacy trees* where present are not harvested; and b) vertical and horizontal complexity. Trees selected for *retention* are generally representative of the dominant species found on the site. **6.3.g.1** In the Southeast, Appalachia, Ozark-С Green Tree Retention Policy (p. 16 of IFC Ouachita, Mississippi Alluvial Valley, and Umbrella Plan). Regeneration harvests greater Pacific Coast Regions, when even-aged than 20 acres are very uncommon on ICF systems are employed, and during salvage properties. No regeneration harvests of this size harvests, live trees and other native were visited during audit. vegetation are retained within the harvest unit as described in Appendix C for the applicable region. In the Lake States Northeast, Rocky Mountain and Southwest Regions, when even-aged silvicultural systems are employed, and during salvage harvests, live trees and other native vegetation are retained within the harvest unit in a proportion and configuration that is consistent with the characteristic natural disturbance regime unless retention at a lower level is necessary for the purposes of restoration or rehabilitation. See Appendix C for additional regional requirements and guidance. 6.3.g.2 Under very limited situations, the С ICF has not had the need to justify a departure landowner or manager has the option to from opening size limits or green tree retention develop a qualified plan to allow minor requirements. departure from the opening size limits described in Indicator 6.3.g.1. A qualified plan: Is developed by qualified experts in

С

- ecological and/or related fields (wildlife biology, hydrology, landscape ecology, forestry/silviculture).
- Is based on the totality of the best available information including peerreviewed science regarding natural disturbance regimes for the FMU.
- Is spatially and temporally explicit and includes maps of proposed openings or areas.
- 4. Demonstrates that the variations will result in equal or greater benefit to wildlife, water quality, and other values compared to the normal opening size limits, including for sensitive and rare species.
- Is reviewed by independent experts in wildlife biology, hydrology, and landscape ecology, to confirm the preceding findings.
- **6.3.h** The forest owner or manager assesses the risk of, prioritizes, and, as warranted, develops and implements a strategy to prevent or control *invasive species*, including:
- a method to determine the extent of invasive species and the degree of threat to native species and ecosystems;
- implementation of management practices that minimize the risk of invasive establishment, growth, and spread;
- eradication or control of established invasive populations when feasible: and,
- monitoring of control measures and management practices to assess their effectiveness in preventing or controlling invasive species.

Interviews with ICF members, District Foresters, and consulting foresters showed a high level of awareness about invasive species. All management plans reviewed contained recommendation for treating invasive species, when they were present. Visited numerous properties where invasive species control projects were occurring (see site notes). Funding for invasive species control is available via Environmental Quality Incentive Program (EQIP), although many landowners are doing control work at their own expense. DNR partners with Purdue University and USDA on invasive species control strategies and publications.

The 2015 Indiana Forestry Strategic Plan includes objectives related to invasive species control.

A conservative estimate by the Indiana Invasive Species Council (IISC) showed that property owners and taxpayers spent \$5.85 million in 2012

6.3.i In applicable situations, the forest owner or manager identifies and applies site-specific fuels management practices, based on: (1) natural fire regimes, (2) risk of wildfire, (3) potential economic losses, (4) public safety, and (5) applicable laws and regulations.	С	controlling invasive plants. State agencies spent about \$3 million controlling plant species (2014 DNR Annual Report). The Division of Forestry, Fire Management Program provides organizational, operational and technical support regarding wildland and prescribed fire management. Indiana Code 14-23-5-1 outlines the Division of Forestry's fire responsibilities. The Division of Forestry assumes Wildland fire responsibilities on ICF properties. The Division usually fulfills this responsibility through Cooperative Agreements with local fire departments to provide initial attack on wildland
6.4. Representative samples of existing	NE	fires.
ecosystems within the landscape shall be protected in their natural state and recorded on maps, appropriate to the scale and intensity of operations and the uniqueness of the affected resources.		
6.5 Written guidelines shall be prepared and implemented to control erosion; minimize forest damage during harvesting, road construction, and all other mechanical disturbances; and to protect water resources.	С	
6.5.a The forest owner or manager has written guidelines outlining conformance with the Indicators of this Criterion.	С	The Indiana DoF BMP manual serves this purpose. The Indiana Department of Environmental Management (IDEM) also enforces regulations related to surface waters. Classified Forest Act (IC 6-1.1-6) - Requires landowners to sustain the watershed protection, timber production benefits of forest land, and wildlife habitat. Failure to comply can force removal from the program and tax penalties.
		The Indiana Flood Control Act (IC 14-28-1) applies to all streams with a watershed greater than one square mile (640 acres) and prohibits the placement of tree tops in stream channels and

		their floodways which may unduly restrict its
		flood carrying capacity. Additional federal, state,
		and local regulations may also apply (e.g. Federal
		Emergency Management Agency flood areas,
		local ordinances requiring either logging permits
		or posting of road bonds). See Known
	_	Regulations webpage.
6.5.b Forest operations meet or exceed	С	All forestry operations in Indiana are held to BMP
Best Management Practices (BMPs) that		standards. Third-party audits are conducted
address components of the Criterion where		annually of a sample of harvest sites to assess
the operation takes place.		adherence to BMPs. BMP monitoring results are
		available <u>online</u> .
6.5.c Management activities including site	С	2014:
preparation, harvest prescriptions,	(0	Please see OBS 2015.1
techniques, timing, and equipment are	BS)	Indicator 6.5.c requires that "management
selected and used to protect soil and water		activities including site preparation, harvest
resources and to avoid erosion, landslides,		prescriptions, techniques, timing, and equipment
and significant soil disturbance. Logging and		are selected and used to protect soil and water
other activities that significantly increase the		resources and to avoid erosion, landslides, and
risk of landslides are excluded in areas		significant soil disturbance." The DoF rutting
where risk of landslides is high. The		guidelines designed to protect soil resources
following actions are addressed:		allow for continued hauling and skidding as long
Slash is concentrated only as much as		as the ruts can be smoothed so that they do not
necessary to achieve the goals of site		exceed 18" in depth. This guideline may not be
preparation and the reduction of fuels		effective at preventing root damage, changes in
to moderate or low levels of fire		hydrology, and compaction that often occur when
hazard.		ruts are being made. Smoothing of ruts does not
Disturbance of topsoil is limited to the		alleviate the root damage, compaction, and
·		changes to hydrology associated with rutting.
minimum necessary to achieve		changes to flydrology associated with rutting.
successful regeneration of species		DNP initiated a process to strongth soil
native to the site.		DNR initiated a process to strength soil
Rutting and compaction is minimized.		compaction and rutting guidelines, which are still
Soil erosion is not accelerated.		in draft form. No related training has occurred.
Burning is only done when consistent		On and 2015 etta harman had been and to 111
with natural disturbance regimes.		On one 2015 site, horses had been used to skid
Natural ground cover disturbance is		trees so as to prevent soil damage. None of the
minimized to the extent necessary to		sites visited in 2015 exhibited ruts in excess of the
achieve regeneration objectives.		proposed guidelines.
Whole tree harvesting on any site over		
multiple rotations is only done when		
research indicates soil productivity will		

not be harmed.		
Low impact equipment and		
technologies is used where		
appropriate.		
6.5.d The transportation system, including	С	Due to the small size of the majority of the
design and placement of permanent and		properties enrolled in the certified group, most
temporary haul roads, skid trails,		properties have very few permanent roads
recreational trails, water crossings and		through the forestland. Road density is not an
_		issue and temporary skid trails are usually put in
landings, is designed, constructed,		for harvests. Water bars were noted on all skid
maintained, and/or reconstructed to reduce		
short and long-term environmental impacts,		trails at incline and excessive erosion was only
habitat fragmentation, soil and water		noted in one case, where an internal CAR has
disturbance and cumulative adverse effects,		been issued (Perry County Stop 2).
while allowing for customary uses and use		
rights. This includes:		
access to all roads and trails (temporary		
and permanent), including recreational		
trails, and off-road travel, is controlled,		
as possible, to minimize ecological		
impacts;		
road density is minimized;		
erosion is minimized;		
sediment discharge to streams is		
minimized;		
there is free upstream and downstream		
passage for aquatic organisms;		
impacts of transportation systems on		
wildlife habitat and migration corridors		
are minimized;		
area converted to roads, landings and		
skid trails is minimized;		
 habitat fragmentation is minimized; 		
unneeded roads are closed and		
rehabilitated.		
6.5.e.1 In consultation with appropriate	С	Management practices in buffer zone areas
expertise, the forest owner or manager		adjacent to water resources are regulated in the
implements written Streamside		Indiana BMP manual. Timber sale inspection
Management Zone (SMZ) buffer		reports for a couple 2015 site visits had required
management guidelines that are adequate		landowners to pull back tops that had fallen into
for preventing environmental impact, and		stream channels, and the work was completed.
include protecting and restoring water		

quality, hydrologic conditions in rivers and stream corridors, wetlands, vernal pools, seeps and springs, lake and pond shorelines, and other hydrologically sensitive areas. The guidelines include vegetative buffer widths and protection measures that are acceptable within those buffers. In the Appalachia, Ozark-Ouachita, Southeast, Mississippi Alluvial Valley, Southwest, Rocky Mountain, and Pacific Coast regions, there are requirements for minimum SMZ widths and explicit limitations on the activities that can occur		
within those SMZs. These are outlined as		
requirements in Appendix E. 6.5.e.2 Minor variations from the stated	NA	No variations observed in field sites.
	NA	No variations observed in field sites.
on the input of an independent expert in aquatic ecology or closely related field.		
6.5.f Stream and wetland crossings are	С	BMPs require crossings to be rehabilitated and
avoided when possible. Unavoidable		natural hydrology restored when removed.
crossings are located and constructed to		Several examples of temporary crossings were
minimize impacts on water quality,		noted during site visits, all of which had been

hydrology, and fragmentation of <i>aquatic habitat</i> . Crossings do not impede the movement of aquatic species. Temporary crossings are restored to original hydrological conditions when operations are finished.		properly closed out.
6.5.g Recreation use on the FMU is managed to avoid negative impacts to soils, water, plants, wildlife and wildlife habitats.	С	As all tracts in the certified group are privately owned, recreation is strictly controlled. No damage due to recreational use was noted during the audit. Although many landowners operate ATVs on their property, no excessive road or trail damage was observed.
6.5.h Grazing by domesticated animals is controlled to protect in-stream habitats and water quality, the species composition and viability of the riparian vegetation, and the banks of the stream channel from erosion.	С	Grazing is not permitted on lands under the Classified Forest & Wildlands Program. No unauthorized grazing was observed or reported by group members.
6.6. Management systems shall promote the development and adoption of environmentally friendly non-chemical methods of pest management and strive to avoid the use of chemical pesticides. World Health Organization Type 1A and 1B and chlorinated hydrocarbon pesticides; pesticides that are persistent, toxic or whose derivatives remain biologically active and accumulate in the food chain beyond their intended use; as well as any pesticides banned by international agreement, shall be prohibited. If chemicals are used, proper equipment and training shall be provided to minimize health and environmental risks.	С	
6.6.a No products on the FSC list of Highly Hazardous Pesticides are used (see FSC-POL-30-001 EN FSC Pesticides policy 2005 and associated documents).	NC	The annual report from landowners indicated that one member in the certified group used prohibited chemicals within the last year on their individual property (diquat - CAS Registry Number 85-00-7). DNR district forester has interviewed the landowner and confirmed non-conforming use of a banned product, but DNR has not yet initiated an internal CAR per group procedures.

6.7	. Chemicals, containers, liquid and solid	NE	
no	n-organic wastes including fuel and oil		
sha	all be disposed of in an environmentally		
apı	propriate manner at off-site locations.		
6.8	. Use of biological control agents shall be	NE	
do	cumented, minimized, monitored, and		
str	ictly controlled in accordance with		
nat	tional laws and internationally accepted		
sci	entific protocols. Use of genetically		
mo	dified organisms shall be prohibited.		
6.9	. The use of exotic species shall be	NE	
car	efully controlled and actively monitored		
to	avoid adverse ecological impacts.		
6.1	0. Forest conversion to plantations or	NE	
no	n-forest land uses shall not occur, except		
in (circumstances where conversion:		
a) l	Entails a very limited portion of the		
for	est management unit; and b) Does not		
oco	cur on High Conservation Value Forest		
are	as; and c) Will enable clear, substantial,		
244	ditional, secure, long-term conservation		
au	and the state of t		
	nefits across the forest management		
	nefits across the forest management		
bei uni Pri	nefits across the forest management it. nciple #7: A management plan appropria		the scale and intensity of the operations shall
bei uni Pri be	nefits across the forest management it. nciple #7: A management plan appropria written, implemented, and kept up to date	e. The	the scale and intensity of the operations shall long-term objectives of management, and the
uni Pri be me	nefits across the forest management it. nciple #7: A management plan appropria written, implemented, and kept up to date ans of achieving them, shall be clearly stat	e. The	•
Pri be me	nefits across the forest management it. nciple #7: A management plan appropria written, implemented, and kept up to date ans of achieving them, shall be clearly stat . The management plan and supporting	e. The	•
Pri be me 7.1 doc	nefits across the forest management it. nciple #7: A management plan appropria written, implemented, and kept up to date cans of achieving them, shall be clearly state. The management plan and supporting cuments shall provide:	e. The	•
Pri be me	nefits across the forest management it. nciple #7: A management plan appropria written, implemented, and kept up to date ans of achieving them, shall be clearly state. The management plan and supporting cuments shall provide: Management objectives. b) description	e. The	•
Pri be me 7.1 doc	nefits across the forest management it. nciple #7: A management plan appropria written, implemented, and kept up to date ans of achieving them, shall be clearly state. The management plan and supporting cuments shall provide: Management objectives. b) description of the forest resources to be managed,	e. The	•
Pri be me 7.1 doc	nefits across the forest management it. nciple #7: A management plan appropria written, implemented, and kept up to date ans of achieving them, shall be clearly state. The management plan and supporting cuments shall provide: Management objectives. b) description of the forest resources to be managed, environmental limitations, land use and	e. The	•
Pri be me 7.1 doc	nefits across the forest management it. nciple #7: A management plan appropria written, implemented, and kept up to date ans of achieving them, shall be clearly state. The management plan and supporting cuments shall provide: Management objectives. b) description of the forest resources to be managed, environmental limitations, land use and ownership status, socio-economic	e. The	•
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Pri be me 7.1 doc	nefits across the forest management it. nciple #7: A management plan appropria written, implemented, and kept up to date ans of achieving them, shall be clearly state. The management plan and supporting cuments shall provide: Management objectives. b) description of the forest resources to be managed, environmental limitations, land use and ownership status, socio-economic conditions, and a profile of adjacent lands. Description of silvicultural and/or other	e. The	•
Pri be me 7.1 doc a.	nefits across the forest management it. nciple #7: A management plan appropria written, implemented, and kept up to date ans of achieving them, shall be clearly state. The management plan and supporting cuments shall provide: Management objectives. b) description of the forest resources to be managed, environmental limitations, land use and ownership status, socio-economic conditions, and a profile of adjacent lands. Description of silvicultural and/or other management system, based on the	e. The	•
Pri be me 7.1 doc a.	nefits across the forest management it. nciple #7: A management plan appropria written, implemented, and kept up to date ans of achieving them, shall be clearly state. The management plan and supporting cuments shall provide: Management objectives. b) description of the forest resources to be managed, environmental limitations, land use and ownership status, socio-economic conditions, and a profile of adjacent lands. Description of silvicultural and/or other management system, based on the ecology of the forest in question and	e. The	•
Pri be me 7.1 doc a.	nefits across the forest management it. nciple #7: A management plan appropria written, implemented, and kept up to date ans of achieving them, shall be clearly state. The management plan and supporting cuments shall provide: Management objectives. b) description of the forest resources to be managed, environmental limitations, land use and ownership status, socio-economic conditions, and a profile of adjacent lands. Description of silvicultural and/or other management system, based on the ecology of the forest in question and information gathered through resource	e. The	•
Pri be me 7.1 doc a.	nefits across the forest management it. nciple #7: A management plan appropria written, implemented, and kept up to date ans of achieving them, shall be clearly state. The management plan and supporting cuments shall provide: Management objectives. b) description of the forest resources to be managed, environmental limitations, land use and ownership status, socio-economic conditions, and a profile of adjacent lands. Description of silvicultural and/or other management system, based on the ecology of the forest in question and information gathered through resource inventories. d) Rationale for rate of	e. The	•
Pri be me 7.1 doc a.	nefits across the forest management it. nciple #7: A management plan appropria written, implemented, and kept up to date ans of achieving them, shall be clearly state. The management plan and supporting cuments shall provide: Management objectives. b) description of the forest resources to be managed, environmental limitations, land use and ownership status, socio-economic conditions, and a profile of adjacent lands. Description of silvicultural and/or other management system, based on the ecology of the forest in question and information gathered through resource inventories. d) Rationale for rate of annual harvest and species selection.	e. The	•
Pri be me 7.1 doc a.	nefits across the forest management it. nciple #7: A management plan appropria written, implemented, and kept up to date ans of achieving them, shall be clearly state. The management plan and supporting cuments shall provide: Management objectives. b) description of the forest resources to be managed, environmental limitations, land use and ownership status, socio-economic conditions, and a profile of adjacent lands. Description of silvicultural and/or other management system, based on the ecology of the forest in question and information gathered through resource inventories. d) Rationale for rate of	e. The	•

safeguards based on environmental assessments. g) Plans for the identification and protection of rare, threatened and endangered species. b) h) Maps describing the forest resource base including protected areas, planned management activities and land ownership. i) Description and justification of harvesting techniques and equipment to be used.		
7.1.a The management plan identifies the	С	
ownership and legal status of the FMU and		
its resources, including rights held by the		
owner and rights held by others.		
FF Indicator 7.1.a A written management	С	The following collection of documents comprise
plan exists for the property or properties for		the Management Plan for IFG members:
which certification is being sought. The		- Management Plan
management plan includes the following		- Natural Heritage Database documentation
components:		- Archeological check documentation
i. Management objectives (ecological,		- Timber sale contracts
silvicultural, social, and economic) and		- Annual Report for each property
duration of the plan.		- Classified Forest and Wildlands Database (w/
Guidance: Objectives relate to the		Mapping System)
goals expressed by the landowner		- IFG Umbrella Plan
within the constraints of site		- Classified Forest & Wildlands Procedure Manual
capability and the best available data		- Indiana Logging and Forestry Best Management
on ecological, silvicultural, social and		Practices – 2005 BMP Field Guide.
economic conditions.		This collection of documents covers the
ii. Quantitative and qualitative description of		requirements of 7.1.a.
the forest resources to be managed,		
including at minimum stand-level		ICF has three main documents that make up the
descriptions of the land cover, including		FMP, however, there are several supporting
species and size/age class and referencing		documents to the FMP available to group
inventory information. Guidance: In addition to stand-level		members in Indiana Department of Forestry publication and websites, such as the Indiana
		Forestry Exchange
descriptions of the land cover, information in site-level plans may		(http://www.in.gov/dnr/forestryexchange/defaul
include: landscape within which the		t.aspx).
forest is located; landscape-level		The three main FMP documents are: Classified
considerations; past land uses of the		Forest & Wildlands Procedures Manual, dated
considerations, past land uses of the		Totest & Wildianus Frocedures Mandal, dated

forest; legal history and current status; socio-economic conditions; cultural, tribal and customary use issues and other relevant details that explain or justify management prescriptions.

iii. Description of silvicultural and/or other management system, prescriptions, rationale, and typical harvest systems (if applicable) that will be used.

iv. Description of harvest limits (consistent with Criterion 5.6) and species selection. Also, description of the documentation considered from the options listed in Criterion 5.6 if the FMU does not have a calculated annual harvest rate.

v. Description of environmental assessment and safeguards based on the assessment, including approaches to: (1) pest and weed management, (2) fire management, and (3) protection of riparian management zones; (4) protection of representative samples of existing ecosystems (see Criterion 6.4) and management of High Conservation Value Forests (see Principle 9).

Guidance: Regional environmental assessments and safeguards or strategies to address pest and weed management, fire management, protection of rare, threatened, and endangered species and plant community types, protection of riparian management zones, and protecting representative samples of ecosystems and High Conservation Value Forests may be developed by state conservation agencies. Site specific plans for family forests should be consistent with such guidance and may reference those works for clarity.

vi. Description of location and protection of rare, threatened, and endangered species

October 1, 2007 (CFWPM), which is a procedural manual for management of group members; Indiana Classified Forest Certified Group: UMBRELLA MANAGEMENT PLAN, dated November 2010 (UMP), which includes several items that demonstrate conformance to FSC requirements at the group level, and group member eligibility and division of responsibilities; and Stewardship Management Plan (SMP), which serves as the FMU-specific FMP for individual group members.

i. Management objectives for the group level and group member level are contained in the introduction and Management Objectives section of the UMP (p. 11). This includes ecological, silvicultural (referred to as Desired Future Conditions), social, and economic objectives. Specific group member level objectives are included on the first page of each group member's SMP, as well as the Area Description & Management Recommendations section.

ii. The UMP contains a description of the State of Indiana's forest resources (p.p. 8-10), including

Indiana's forest resources (p.p. 8-10), including historical and present day forest cover as a percentage of land cover type. Inventory data references the US Forest Service's Forest Inventory and Analysis (FIA) data. Forest types classified by dominant species were determined through use of the FIA EVALIDATOR 4.0 tool and FIA data. The Property Overview and Area Description & Management Recommendations sections of the SMP contain specific information on species and size/ age class at the stand level for each group member FMU.

DNR reports that landowners usually list timber production and harvesting as a low priority. Therefore, the district foresters don't emphasize inventories or other quantitative data collection unless the landowner expresses an interest in timber management.

and plant community types.

vii. Description of procedures to monitor the forest, including forest growth and dynamics, and other components as outlined in Principle 8.

viii. Maps represent property boundaries, use rights, land cover types, significant hydrologic features, roads, adjoining land use, and protected areas in a manner that clearly relates to the forest description and management prescriptions.

Guidance: Property level maps for family forests may be simple and efficient to produce, and may cover only the necessary information needed for management to the FSC-US Family Forest Standard. At the group level, if GIS is used coverage should include protected areas, planned management activities, land ownership, property boundaries, roads, timber production areas, forest types by age class, topography, soils, cultural and customary use areas, locations of natural communities, habitats of species referred to in Criterion 6.2, riparian zones and analysis capabilities to help identify High Conservation Value Forests. Group managers may rely on state conservation agencies for complex GIS services.

DNR initiated a system wide continuous forest inventory (CFI) that will allow them to estimate growths and removals on a Classified Forest & Wildland wide basis. They are just wrapping up the 4th year of CFI. Once this data is analyzed, DNR will have trend data specific to classified forests.

iii. Typical silvicultural systems and their rationale are described in the UMP (p.p. 12-15). Special management considerations and other management considerations are also in the UMP (p.p. 14-16). Harvest systems are described in the Harvest Equipment section of the UMP (p.16). Landowners also typically receive practice plans (such as a timber sale plan, tree planting, mine reclamation plan, etc.) that detail specific activities.

iv and vii. Species selection based on ecological guild (e.g., shade tolerance, conifer vs. hardwood) is covered in the UMP in both the Forest Types (p. 9) Forest Growth & Dynamics Monitoring (p.p. 16-18) sections. ICF relies on FIA data to establish sustainable harvest rates and to monitor forest growth and dynamics. The volumes and growth rates are included on p. 9 for ICF as a whole. The Resource Description section of the SMP is where FMU-specific inventory information would be documented for individual group members.

ICF supplements the FIA program with Continuous Forest Inventory (CFI). Five regions to sample on ICF group member FMUs have been selected. At the group member level, the establishment of an inventory system depends on the size of the tract and the intensity of management (p.p. 17-18 of UMP). Monitoring of growth on small tracts will be based on qualitative factors due to the light intensity of

management.

Other monitoring protocols are described in the UMP, including: Monitoring of BMPs (p.21), Game Species (p. 24), and nongame species (p. 24), cultural resources (pests and invasive species (p.p. 27-29), IPM (p. 29), and use of non-native species (p.30)

The CFWPM contains monitoring protocols for monitoring of group member FMUs.

vi. At the group level, ICF uses the Indiana DNR, Division of Nature Preserves' Natural Heritage Data Center to assess for the presence of RTE species on group member FMUs (see p. 25 of UMP). In the SMP, RTE species and sensitive habitats would be described in the Sensitive Area/ Species Protection and Management section.

viii. A map of the FMU is included as part of the SMP. Group members may also access mapping resources (e.g., NRCS soil mapper) via the Indiana Forestry Exchange Website. ICF also maintains several maps at the state, district, and FMU level that show water courses, land cover, roads, property boundaries, protected areas, etc.).

Interviews with district foresters indicate that most Classified Forest parcels are relatively small and the tracts are treated as a block due to the continual selection marking technique commonly used in Indiana. As a result, stand maps and property boundary maps often coincide.

Landowners with larger tracts typically hire a consulting forester to prepare forest management plans and harvests, and those consultant jobs generally have maps. Auditor interviews with landowners also indicate that many landowners keep detailed records including

		maps of practices they implement. Although stand-level maps and data could be improved, the current approach is sufficient for the scale and intensity of the Classified Forest program.
7.1.b The management plan describes the history of land use and past management, current forest types and associated development, size class and/or successional stages, and natural disturbance regimes that affect the FMU (see Indicator 6.1.a). FF Indicator 7.1.b Actions undertaken on the FMU are consistent with the management plan and help to achieve the stated goals and objectives of the plan.	С	During the 2015 site visits, nearly all the implemented practices observed by the auditor (harvests, TSI, invasive species control, etc.) were included in the forest management plans. In situations where the owner did something not in the plan (e.g., a diameter limit cut in Perry County), the owner had been sent a notice of
7.2 The management plan shall be periodically revised to incorporate the	NE	nonconformity and corrective actions that are required.
results of monitoring or new scientific and technical information, as well as to respond to changing environmental, social and economic circumstances.		
7.3 Forest workers shall receive adequate training and supervision to ensure proper implementation of the management plans.	С	
7.3.a Workers are qualified to properly implement the management plan; All forest workers are provided with sufficient guidance and supervision to adequately implement their respective components of the plan.	С	The Division of Forestry has implemented a certification training program for professional foresters and industry. The training reviews Indiana Classified Forest Certified Group policies such as management plans, legacy trees, wildlife trees, BMPs, rutting guidelines, chemical use, shares sales, reporting and conducting a preharvest conference. The first training was held on March 24, 2015 and had 32 participants. Another training is scheduled for December 9, 2015. Revision of DNR's pre-harvest assessment to
		authorize trained consulting foresters to conduct

		the reviews is improving information sharing.
		Interviews with consulting foresters and loggers
		during 2015 site visits indicated that they had
		received copies of the parcels' plans.
7.4 While respecting the confidentiality of	NE	
information, forest managers shall make		
publicly available a summary of the primary		
elements of the management plan,		
including those listed in Criterion 7.1.		
Principle #8: Monitoring shall be conducted	appro	opriate to the scale and intensity of forest
management to assess the condition of the	fores	t, yields of forest products, chain of custody,
management activities and their social and en	nviron	mental impacts.
Applicability Note: On small and medium-sized	-	
	ntitativ	ve monitoring is required on large forests and/or
intensively managed forests.		
8.1 The frequency and intensity of	NE	
monitoring should be determined by the		
scale and intensity of forest management		
operations, as well as, the relative		
complexity and fragility of the affected		
environment. Monitoring procedures		
should be consistent and replicable over		
time to allow comparison of results and		
assessment of change.		
8.2. Forest management should include the	С	
research and data collection needed to		
monitor, at a minimum, the following		
indicators: a) yield of all forest products		
harvested, b) growth rates, regeneration,		
and condition of the forest, c) composition		
and observed changes in the flora and		
fauna, d) environmental and social impacts		
of harvesting and other operations, and e)		
cost, productivity, and efficiency of forest		
management.		
8.2.a.1 For all commercially harvested	С	Section "Forest Growth & Dynamics Monitoring"
products, an inventory system is maintained.		in the group plan describes group manager and
The inventory system includes at a		group member monitoring roles. In addition to
minimum: a) species, b) volumes, c)		FIA & CFI plot establishment and monitoring, DoF
stocking, d) regeneration, and e) stand and		conducts regular BMP monitoring on 10% of
forest composition and structure; and f)		reported harvest sites annually. All parcels in the
timber quality		Classified Forest & Wildlands Program are visited

		and reviewed every five years by a District
		Forester. Group members are responsible for
		informal, qualitative monitoring of forest
		conditions.
8.2.a.2 Significant, unanticipated removal or	С	Monitoring of unanticipated loss occurs through:
loss or increased vulnerability of forest		Indiana DoF Forest Health Surveys (aerial
resources is monitored and recorded.		surveys)
Recorded information shall include date and		Landowner identification resulting in visit from
location of occurrence, description of		District Forester or consultant.
disturbance, extent and severity of loss, and		Forest inventory prior to and following harvest
may be both quantitative and qualitative.		activities
		Indiana Conservation Officers investigate cases
		of timber theft in which unsuspecting landowners
		are victimized by individuals whose business
		practices are dishonest or illegal.
8.2.b The forest owner or manager	С	Annual reports collected by DoF from each
maintains records of harvested timber and		landowner in the program collect harvest data,
NTFPs (volume and product and/or grade).		including number of trees harvested, bd ft
Records must adequately ensure that the		volume, and species. Although landowners do not
requirements under Criterion 5.6 are met.		always provide the information, an adequate
		system is in place to monitor annual removals.
		During 2015 site visits, interviews with two
		landowners indicated they keep very detailed
		records of costs and incomes to support cost
		sharing requests and for tax purposes.
8.2.c The forest owner or manager	С	DoF periodically monitors habitat conditions for
periodically obtains data needed to monitor		all plants and animals as part of its periodic
presence on the FMU of:		inventory of forest stand types and stocking
Rare, threatened and endangered		levels.
species and/or their <i>habitats</i> ;		The location and status of invasive species is
Common and rare plant communities		routinely monitored by field foresters.
and/or habitat;		DoF works with the Division of Nature Preserves
3) Location, presence and abundance of		to monitor the condition of protected areas and
invasive species;		set-asides.
4) Condition of protected areas, set-		
asides and buffer zones;		
5) High Conservation Value Forests (see		
Criterion 9.4).		
8.2.d.1 Monitoring is conducted to ensure	С	Such monitoring occurs and is described in the
that site specific plans and operations are		DoF Classified Forest & Wildlands Procedures
and site specific plans and operations are	<u> </u>	23. Sidssifica Forest & Wildiands Frocedures

properly implemented, environmental		Manual and the Group Umbrella Plan. A sample
impacts of site disturbing operations are		of 10% of harvest sites are monitored for BMP
minimized, and that harvest prescriptions		impacts annually. All harvest sites are subject to
and guidelines are effective.		close-out inspections.
8.2.d.2 A monitoring program is in place to	С	Such monitoring occurs and is described in the
assess the condition and environmental		DoF Classified Forest & Wildlands Procedure
impacts of the forest-road system.		Manual and the Group Umbrella Plan. All harvest
		sites are subject to close-out inspections.
8.2.d.3 The landowner or manager	С	Addressed in the Indiana Statewide Forest
monitors relevant socio-economic issues		Assessment & Strategy.
(see Indicator 4.4.a), including the social		
impacts of harvesting, participation in local		The 2015 DNR Forestry Strategic Plan addresses
economic opportunities (see Indicator		these requirements.
4.1.g), the creation and/or maintenance of		
quality job opportunities (see Indicator		
4.1.b), and local purchasing opportunities		
(see Indicator 4.1.e).		
8.2.d.4 Stakeholder responses to	NA	See Family Forest applicability note and DoF
management activities are monitored and		determination of NA.
recorded as necessary.		
8.2.d.5 Where sites of cultural significance	С	The Division of Forestry has an archeologist who
exist, the opportunity to jointly monitor sites		screens about 150 data requests per year for
of cultural significance is offered to tribal		active management proposals on Classified
representatives (see Principle 3).		Forests. DoF partners with the DNR Division of
		Historic Preservation and Archeology in outreach
		to tribal representatives.
8.2.e The forest owner or manager monitors	С	Timber management activities on non-industrial
the costs and revenues of management in		properties are structured and monitored to
order to assess productivity and efficiency.		ensure revenue is sufficient to pay for the logging
, ,		costs and the consulting forester. Land owners
		use simple cost-benefit calculations to determine
		efficiency of their overall management choices
		(i.e., enroll in Classified Forests and manage for
		timber products).
		,
		Since DNR is a public agency, its budget and
		services receive close scrutiny by the state
		legislature and executive branch. The 2015
		Forestry Strategic Plan assesses DoF costs and
		revenues related to the Classified Forest Program.
		revenues related to the slassified rolest riogram.

		Landowners who receive EQIP cost sharing are
		subject to USDA audits (see 2015 site note for
		Pike County Stop 1).
8.3 Documentation shall be provided by		
the forest manager to enable monitoring		
and certifying organizations to trace each		
forest product from its origin, a process		
known as the "chain of custody."		
8.3.a When forest products are being sold as	С	See Report Appendix 6 – Chain of Custody
FSC-certified, the forest owner or manager		Indicators for FMEs.
has a system that prevents mixing of FSC-		
certified and non-certified forest products		
prior to the point of sale, with		
accompanying documentation to enable the		
tracing of the harvested material from each		
harvested product from its origin to the		
point of sale.		
8.3.b The forest owner or manager	С	See Report Appendix 6 – Chain of Custody
maintains documentation to enable the		Indicators for FMEs.
tracing of the harvested material from each		
harvested product from its origin to the		
point of sale.		
8.4 The results of monitoring shall be	NE	
incorporated into the implementation and		
revision of the management plan.		
8.5 While respecting the confidentiality of	С	
information, forest managers shall make		
publicly available a summary of the results		
of monitoring indicators, including those		
listed in Criterion 8.2.		
8.5.a While protecting landowner	С	A 2014 Program Summary has been developed
confidentiality, either full monitoring results		and posted to the <u>DoF website</u> . In regards to
or an up-to-date summary of the most		volume and growth data, IN DNR Classified Forest
recent monitoring information is		Report of Continuous Forest Inventory (CFI)
maintained, covering the Indicators listed in		Summary of Years 2011-2014 is posted at
Criterion 8.2, and is available to the public,		http://www.in.gov/dnr/forestry/files/fo-
free or at a nominal price, upon request.		Classified Forests CFI Report 2011 2014.pdf
		As of Oct 29, 2015, the auditor observed that
		current volume, BMP compliance and other
		summary data for the Classified Forest program

		are available on the organization's website. Many		
		useful updates were prepared in conjunction with		
		the 2015 Forestry Strategic Plan.		
Principle #9: Management activities in high conservation value forests shall maintain or enhance the attributes which define such forests. Decisions regarding high conservation value forests shall always be considered in the context of a precautionary approach. High Conservation Value Forests are those that possess one or more of the following attributes: a) Forest areas containing globally, regionally or nationally significant: concentrations of biodiversity values (e.g., endemism, endangered species, refugia); and/or large landscape level forests, contained within, or containing the management unit, where viable populations of most if not all naturally occurring species exist in natural patterns of distribution and abundance b) Forest areas that are in or contain rare, threatened or endangered ecosystems c) Forest areas that provide basic services of nature in critical situations (e.g., watershed protection, erosion control) d) Forest areas fundamental to meeting basic needs of local communities (e.g., subsistence, health) and/or critical to local communities' traditional cultural identity (areas of cultural, ecological, economic or religious significance identified in cooperation with such local				
communities).				
9.1 Assessment to determine the presence	С			
of the attributes consistent with High Conservation Value Forests will be				
completed, appropriate to scale and				
intensity of forest management.				
9.1.a The forest owner or manager identifies	NC	In preparation for past audits, DoF has conducted		
and maps the presence of High Conservation	110	components of their HCVF evaluation which has		
Value Forests (HCVF) within the FMU and, to		resulted in a general list of the HCVF categories		
the extent that data are available, adjacent		determined to be present, a combined acreage of		
to their FMU, in a manner consistent with		these areas, and a list of community types that		
the assessment process, definitions, data		could be designated as HCVF if found in the field.		
sources, and other guidance described in		However, a full HCVF assessment has not yet		
Appendix F.		been completed as described in Appendix F.		
		Although DNR has the components of a Classified		
Given the relative rarity of old growth		Forests HCVF assessment, they have not pulled		
forests in the contiguous United States,	them together into a report per FSC-US guidance.			
these areas are normally designated as				
HCVF, and all old growth must be managed				
in conformance with Indicator 6.3.a.3 and				
requirements for legacy trees in Indicator				
6.3.f.				
9.1.b In developing the assessment, the	С			
forest owner or manager consults with				

qualified specialists, independent experts,		
and local community members who may		
have knowledge of areas that meet the		
definition of HCVs.		
FF Indicator 9.1.b In developing the	С	In developing the HCVF assessment thus far, DoF
assessment, the forest owner or manager		conducted several GIS analyses, consulted the
consults with databases, qualified experts,		state natural heritage database for S1 and S2
and/or best available research and		communities.
literature.		
9.1.c A summary of the assessment results	С	A summary of ecological communities or habitat
and management strategies (see Criterion		types identified as HCVF, as well as a process for
9.3) is included in the management plan		identifying HCVF as land is added to the certified
summary that is made available to the		group, is described in the Umbrella Plan, p.36.
public.		
9.2 The consultative portion of the	NE	
certification process must place emphasis		
on the identified conservation attributes,		
and options for the maintenance thereof.		
9.3 The management plan shall include and	NE	
implement specific measures that ensure		
the maintenance and/or enhancement of		
the applicable conservation attributes		
consistent with the precautionary		
approach. These measures shall be		
specifically included in the publicly available management plan summary.		
9.4 Annual monitoring shall be conducted	NE	
to assess the effectiveness of the measures	''-	
employed to maintain or enhance the		
applicable conservation attributes.		
· / / · · · · · · · · · · · · · · · · · ·	nd mai	naged in accordance with Principles and Criteria 1-
<u> </u>		ns can provide an array of social and economic
benefits, and can contribute to satisfying the		•
complement the management of, reduce pre		· · · · · · · · · · · · · · · · · · ·
conservation of natural forests.	ı	
10.1 The management objectives of the	NA	SCS has determined that FSC P10 does not apply
plantation, including natural forest		since the Indiana Classified Forest Program
conservation and restoration objectives,		employs only natural forest techniques.
shall be explicitly stated in the		
management plan, and clearly		
demonstrated in the implementation of the		
plan.		

Appendix 6 – Chain of Custody Indicators for FMEs

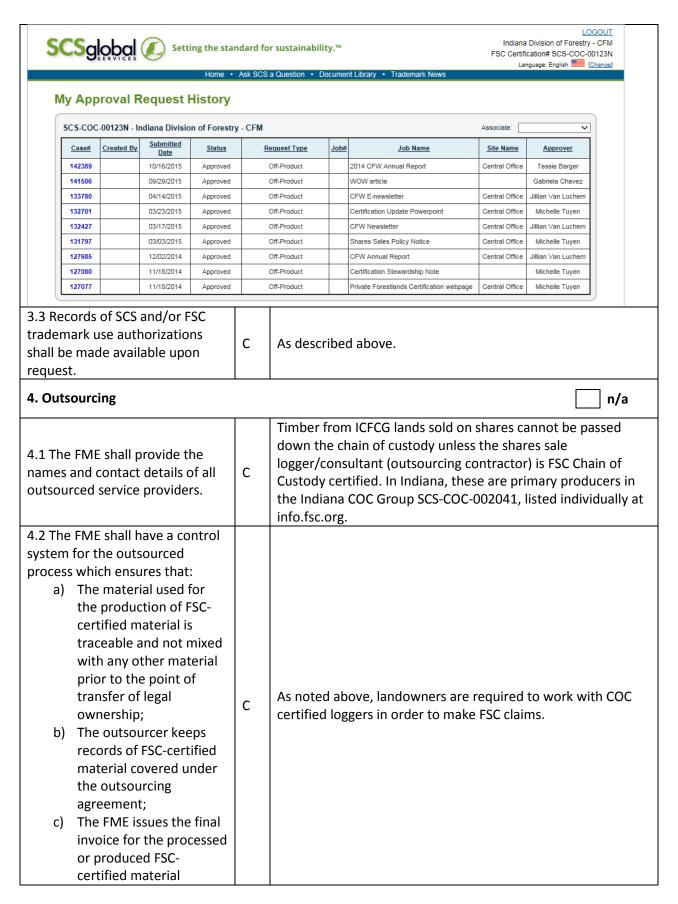
SCS FSC Chain of Custody Indicators for Forest Management Enterprises, Version 5-1: 12/03/12

REQUIREMENT	C/ NC	COMMENT/CAR
1. Quality Management		
1.1 The organization shall appoint a management representative as having overall responsibility and authority for the organization's compliance with all applicable requirements of this standard.	С	Brenda Huter, Forest Stewardship Coordinator, is identified in this role.
1.2 The FME shall maintain complete records of all FSC-related COC activities, including sales and training, for at least 5 years.	С	Group Umbrella Plan, section starting on page 20 titled "Marketing of Forest Products" requires retention of records for five or more years.
1.3 The FME shall define its forest gate(s) (check all that apply): The forest gate is defined as the point where the change in ownership of the certified-forest product occurs.	С	Stump Stumpage sale or sales of standing timber; transfer of ownership of certified-forest product occurs upon harvest. On-site concentration yard Transfer of ownership of certified-product occurs at concentration yard under control of FME. Off-site Mill/Log Yard X Transfer of ownership occurs when certified-product is unloaded at purchaser's facility. Auction house/ Brokerage Transfer of ownership occurs at a government-run or private auction house/ brokerage. Lump-sum sale/ Per Unit/ Pre-Paid Agreement X A timber sale in which the buyer and seller agree on a total price for marked standing trees or for trees within a defined area before the wood is removed — the timber is usually paid for before harvesting begins. Similar to a per-unit sale. Log landing Transfer of ownership of certified-product occurs at landing/yarding areas. Other (Please describe):

1.4 The FME shall have sufficient control over its forest gate(s) to ensure that there is no risk of mixing of FSC-certified forest products covered by the scope of the FM/COC certificate with forest products from outside of the scope prior to the transfer of ownership.	С	Group Umbrella Plan, section starting on page 20 titled "Marketing of Forest Products".
1.5 The FME and its contractors shall not process FSC-certified material prior to transfer of ownership at the forest gate without conforming to applicable chain of custody requirements. NOTE: This does not apply to log cutting or de-barking units, small portable sawmills or on-site processing of chips/biomass originating from the FMU under evaluation.	С	Group Umbrella Plan, section starting on page 20 titled "Marketing of Forest Products".
2. Product Control, Sales and Deliv	ery	
2.1. Products from the certified forest area shall be identifiable as certified at the forest gate(s).	С	The FSC claim and certificate code is verified in a pre-harvest inspection form and is included in timber sale documents. Recent procedural changes now allow trained consulting foresters and DNR foresters to complete the pre-harvest inspections.
2.2 The FME shall maintain records of quantities/volumes of FSC-certified product(s).	С	Each group member must report the volume of timber sold on an annual report.
2.3. The FME shall ensure that all sales documents issued for outputs sold with FSC claims include the following information: a) name and contact details of the organization; b) name and address of the customer; c) date when the document was issued; d) description of the product; e) quantity of the products sold; f) the organization's FSC Forest Management (FM/COC) or FSC	С	Addressed in Group Umbrella Plan. Auditor reviewed preharvest assessment forms and timber sale contracts at two active sales (David Seng, Dubois County; Gary Hall, Pike County), which included the required elements.

Controlled Wood (CW/FM) code; g) clear indication of the FSC claim for each product item or the total products as follows: i. the claim "FSC 100%" for products from FSC 100% product groups; ii. the claim "FSC Controlled Wood" for products from FSC Controlled Wood product groups. h) If separate transport documents are issued, information sufficient to link the sales document and related transport documentation to each other.		
2.4 The FME shall include the same information as required in 2.3 in the related delivery documentation, if the sales document (or copy of it) is not included with the shipment of the product. Note: 2.3 and 2.4 above are based on FSC-STD-40-004 V2-1 Clause 6.1.1 and 6.1.2	С	Haul tickets used by COC certified primary producers include information about whether the logs are from a certified Classified Forest tract.
2.5 When the FME has demonstrated it is not able to include the required FSC claim as specified above in 6.1.1 and 6.1.2 in sales and delivery documents due to space constraints, through an exception, SCS can approve the required information to be provided through supplementary evidence (e.g. supplementary letters, a link to the own company's webpage with verifiable product information).	NA	No space constraints.

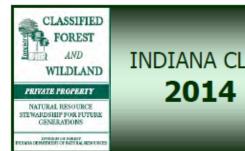
This practice is only acceptable		
when SCS is satisfied that the		
supplementary method proposed		
by the FME complies with the		
following criteria:		
a) There is no risk that the		
customer will		
misinterpret which		
products are or are not		
FSC certified in the		
document;		
b) The sales and delivery		
documents contain		
visible and		
understandable		
information so that the		
customer is aware that		
the full FSC claim is		
provided through		
supplementary evidence;		
c) In cases where the sales		
and delivery documents		
contain multiple		
products with different		
FSC Claims, a clear		
identification for each		
product shall be included		
to cross-reference it with		
the associated FSC claim		
provided in the		
supplementary evidence.		
FSC-ADVICE-40-004-05		
	I	
3. Labeling and Promotion		n/a
3.1 Describe where/how the		The Crown Manager was FCC to demand an architecture
organization uses the SCS and	С	The Group Manager uses FSC trademarks on public Internet
FSC trademarks for promotion.		pages and in educational publications and news releases.
·		The Certification Coordinator provided a log (below) of
2.2 The FMF shall reserve the		trademark use authorizations from SCS.
3.2 The FME shall request		
authorization from SCS to use the	С	The auditor sampled web pages using FSC trademarks and
FSC on-product labels and/or FSC		observed an FSC license code or other elements of an FSC
trademarks for promotional use.		promotional panel. Trademark registration symbols were used
		as required.
	•	



following outsourcing; d) The outsourcer only uses FSC trademarks on products covered by the scope of the outsourcing agreement and not for promotional use.		
5. Training and/or Communication	Strat	egies
5.1 All relevant FME staff and outsourcers shall be trained in the FME's COC control system commensurate with the scale and intensity of operations and shall demonstrate competence in implementing the FME's COC control system.	С	FME staff receive COC-related training. District Foresters demonstrated how training records are logged in an online database administered by the central office. Qualified loggers providing outsourcing services have been trained in COC procedures as members of the Indiana COC Group SCS-COC-002041.
5.2 The FME shall maintain upto-date records of its COC training and/or communications program, such as a list of trained employees, completed COC trainings, the intended frequency of COC training (i.e. training plan), and related program materials (e.g., presentations, memos, contracts, employee handbooks, etc).	С	FME staff receive COC-related training. District Foresters demonstrated how training records are logged in an online database administered by the central office.

Appendix 7 – Group Management Program Members

All group members' identification and property information is tracked in INFRMS, the DoF database system. As SLIMF group members, identifying information at the property level is confidential, but a full list of all participating group members is maintained in INFRMS. See next page for a snapshot of Classified Forest enrollment by county. Classified Forest & Wildlands owners with at least ten acres of woodlands in a classified parcel may choose to belong to the Classified Forest Certified Group. As of October 2014, there were 528,693 acres in 10,418 parcels in the Classified Forest Certified Group (FSC-C071226).



INDIANA CLASSIFIED FOREST & WILDLANDS 2014 PROGRAM SUMMARY

Program Enrollment*

Total Enrolled Acres: 746,357 Total Number of Parcels: 15,463

COUNTY	ACRES	PARCELS	COUNTY	ACRES	PARCELS	COUNTY	ACRES	PARCELS
ADAMS	1,639	67	HENDRICKS	1,806	49	PIKE	10,915	161
ALLEN	2,573	99	HENRY	2,321	111	PORTER	5,239	151
BARTHOLO- MEW	4,233	101	HOWARD	922	40	POSEY	7,407	141
BENTON	287	6	HUNTINGTON	3,471	131	PULASKI	1,521	43
BLACKFORD	1,070	43	JACKSON	12,599	206	PUTNAM	18,220	324
BOONE	1,848	50	JASPER	2,573	38	RANDOLPH	2,610	97
BROWN	23,091	400	JAY	3,405	137	RIPLEY	10,357	283
CARROLL	3,314	102	JEFFERSON	15,494	258	RUSH	2,061	66
CASS	4,223	136	JENNINGS	16,110	318	SCOTT	5,993	154
CLARK	7,050	93	JOHNSON	1,973	50	SHELBY	1,010	31
CLAY	7,523	175	KNOX	5,012	106	SPENCER	14,603	343
CLINTON	631	27	KOSCIUSKO	11,568	315	ST.JOSEPH	7,629	302
CRAWFORD	24,815	357	LAGRANGE	1,837	53	STARKE	5,980	131
DAVIESS	3,870	77	LAKE	2,239	82	STEUBEN	3,639	84
DEARBORN	6,402	144	LAPORTE	9,367	210	SULLIVAN	11,670	198
DECATUR	3,942	119	LAWRENCE	21,812	293	SWITZER- LAND	7,591	136
DEKALB	4,510	149	MADISON	1,092	44	TIPPECANOE	2,218	50
DELAWARE	3,003	104	MARION	797	37	TIPTON	400	15
DUBOIS	19,177	406	MARSHALL	10,940	333	UNION	3,078	67
ELKHART	4,603	158	MARTIN	20,807	269	VANDER-	1,427	47
FAYETTE	7,201	164	MIAMI	4,110	139	VERMILLION	8,812	128
FLOYD	3,965	92	MONROE	21,706	372	VIGO	9,546	162
FOUNTAIN	6,503	128	MONTGOM- ERY	4,369	103	WABASH	4,383	143
FRANKLIN	15,003	244	MORGAN	11,142	202	WARREN	3,794	61
FULTON	4,551	139	NEWTON	841	14	WARRICK	14,832	320
GIBSON	11,372	207	NOBLE	6,367	204	WASHINGTON	20,905	287
GRANT	1,805	73	ОНЮ	2,763	36	WAYNE	9,081	273
GREENE	25,892	355	ORANGE	23,688	379	WELLS	2,114	77
HAMILTON	1,258	58	OWEN	30,036	524	WHITE	1,129	28
HANCOCK	890	37	PARKE	28,480	374	WHITLEY	3,127	104
HARRISON	31,805	433	PERRY	27,367	509	TOTAL:	746,357	15,463

^{*}Enrollment as of December 31, 2014

Appendix 8 – Group Management Programs

SCS audits Group entities and group members to the FSC Group Management Standard with the same frequency. All Principles in the FSC Forest Management Standard are evaluated – during the full evaluation or reevaluation audit and once again over the course of validity of the certificate during annual surveillance audits. SCS will also audit group clients to the Group Management Standard if there have been substantial changes to group management or the scope of the certificate during the previous year, such as a large change in the number of group members or changes to the policies of administering the group.

Group Management Conformance Table

Requirement	C/NC	Comment / CAR
PART 1 QUALITY SYSTEM REQUIREMENTS		
C1 General Requirements	С	
1.1 The Group entity shall be an independent legal entity or an individual acting as a legal entity.	С	The independent legal entity is the State of Indiana. See p.p. 1-3 of ICFCG Umbrella Plan for the full history of state laws that establish the State of Indiana's Division of Forestry as the manager of the group program with technical assistance provided by the Division of Fish & Wildlife.
1.2 The Group entity shall comply with relevant legal obligations, as registration and payment of applicable fees and taxes.	С	The group entity, Indiana Division of Forestry Classified Forest & Wildlands Program (ICF), is responsible for paying fees to the certification body (CB) and AAF to FSC through the CB. ICF is up-to-date on payments to the CB.
1.3 The Group entity shall have a written public policy of commitment to the FSC Principles and Criteria.	С	This statement is clearly provided on p.1 of the Umbrella Management Plan.
1.4 The Group entity shall define training needs and implement training activities and/or communication strategies relevant to the implementation of the applicable FSC standards.	С	DNR's increased focus on FSC-related training is documented in publications, 2015 Strategic Plan material, and the agendas for completed and planned training events (see response to CAR 2014.15). District and consulting forester awareness of these issues was good during 2015 field interviews.
C2 Responsibilities	С	
2.1 The Group entity shall clearly define and document the division of responsibilities between the Group entity and the Group members in relation to forest management activities (for example with respect to management planning, monitoring, harvesting, quality control, marketing,	С	The responsibilities of all parties noted on the Group Org chart, including additional involved parties such as group members, professional foresters, wildlife biologists and other relevant forestry professionals, are listed beginning on p.4 of the Umbrella Plan.

timber sale	e etc)		
timber san	c, ctcj.		
NOTE: The	actual division of responsibilities		
	greatly between different group		
_	on schemes. Responsibilities		
	compliance to the applicable		
	wardship Standard may be divided		
	he Group entity and Group in order to take into account of a		
landscape			
	oup entity shall appoint a	С	This position is noted on the Org Chart and is
	ent representative as having		currently held by Brenda Huter.
_	ponsibility and authority for the		, ,
Group ent	ity's compliance with all		
	requirements of this standard.		
	entity staff and Group members	С	ICF provides a list of training opportunities for ICF
	onstrate knowledge of the Group's		staff, group members, and private forestry
	s and the applicable Forest iip Standard.		professionals.
Stewarusii	np Standard.		District newsletters are developed by District
			Foresters- informational brochures, e.g.,
			controlling invasive species, are often sent by
			District Foresters along with Management Plan,
			to ensure group members are knowledgeable
		1	
		_	about related FSC requirements.
	entity's procedures	С	about related FSC requirements.
3.1 The Gr	oup entity shall establish,	C C	about related FSC requirements.
3.1 The Gr implemen	oup entity shall establish, t and maintain written procedures		about related FSC requirements.
3.1 The Gr implement for Group	roup entity shall establish, t and maintain written procedures membership covering all		about related FSC requirements.
3.1 The Gr implement for Group applicable	roup entity shall establish, t and maintain written procedures membership covering all requirements of this standard,		about related FSC requirements.
3.1 The Gr implement for Group applicable	roup entity shall establish, t and maintain written procedures membership covering all requirements of this standard, to scale and complexity of the		about related FSC requirements.
3.1 The Gr implement for Group applicable according	roup entity shall establish, t and maintain written procedures membership covering all requirements of this standard, to scale and complexity of the		p.3 of the Umbrella Plan
3.1 The Gr implement for Group applicable according	roup entity shall establish, t and maintain written procedures membership covering all requirements of this standard, to scale and complexity of the uding: Organizational structure; Responsibilities of the Group	С	
3.1 The Gr implement for Group applicable according group included	roup entity shall establish, t and maintain written procedures membership covering all requirements of this standard, to scale and complexity of the uding: Organizational structure; Responsibilities of the Group entity and the Group members	С	p.3 of the Umbrella Plan
3.1 The Gr implement for Group applicable according group included	roup entity shall establish, t and maintain written procedures membership covering all requirements of this standard, to scale and complexity of the uding: Organizational structure; Responsibilities of the Group entity and the Group members including main activities to fulfill	С	p.3 of the Umbrella Plan
3.1 The Gr implement for Group applicable according group included	roup entity shall establish, t and maintain written procedures membership covering all requirements of this standard, to scale and complexity of the uding: Organizational structure; Responsibilities of the Group entity and the Group members including main activities to fulfill such responsibilities (i.e.	С	p.3 of the Umbrella Plan
3.1 The Gr implement for Group applicable according group included	roup entity shall establish, t and maintain written procedures membership covering all requirements of this standard, to scale and complexity of the uding: Organizational structure; Responsibilities of the Group entity and the Group members including main activities to fulfill such responsibilities (i.e. Development of management	С	p.3 of the Umbrella Plan
3.1 The Gr implement for Group applicable according group included	roup entity shall establish, t and maintain written procedures membership covering all requirements of this standard, to scale and complexity of the uding: Organizational structure; Responsibilities of the Group entity and the Group members including main activities to fulfill such responsibilities (i.e. Development of management plans, sales and marketing of	С	p.3 of the Umbrella Plan
3.1 The Gr implement for Group applicable according group included	roup entity shall establish, t and maintain written procedures membership covering all requirements of this standard, to scale and complexity of the uding: Organizational structure; Responsibilities of the Group entity and the Group members including main activities to fulfill such responsibilities (i.e. Development of management	С	p.3 of the Umbrella Plan
3.1 The Gr implement for Group applicable according group included	roup entity shall establish, t and maintain written procedures membership covering all requirements of this standard, to scale and complexity of the uding: Organizational structure; Responsibilities of the Group entity and the Group members including main activities to fulfill such responsibilities (i.e. Development of management plans, sales and marketing of FSC products, harvesting,	С	p.3 of the Umbrella Plan
3.1 The Gr implement for Group applicable according group included.	roup entity shall establish, t and maintain written procedures membership covering all requirements of this standard, to scale and complexity of the uding: Organizational structure; Responsibilities of the Group entity and the Group members including main activities to fulfill such responsibilities (i.e. Development of management plans, sales and marketing of FSC products, harvesting, planting, monitoring, etc);	C C	p.3 of the Umbrella Plan p.4 of the Umbrella Plan Eligibility is explained in the Umbrella plan and includes eligibility under the Classified Forest and
3.1 The Grimplement for Group applicable according group included. II.	roup entity shall establish, t and maintain written procedures membership covering all requirements of this standard, to scale and complexity of the uding: Organizational structure; Responsibilities of the Group entity and the Group members including main activities to fulfill such responsibilities (i.e. Development of management plans, sales and marketing of FSC products, harvesting, planting, monitoring, etc); Rules regarding eligibility for membership to the Group;	C C	p.3 of the Umbrella Plan p.4 of the Umbrella Plan Eligibility is explained in the Umbrella plan and includes eligibility under the Classified Forest and Wildlands Program.
3.1 The Gr implement for Group applicable according group included.	roup entity shall establish, t and maintain written procedures membership covering all requirements of this standard, to scale and complexity of the uding: Organizational structure; Responsibilities of the Group entity and the Group members including main activities to fulfill such responsibilities (i.e. Development of management plans, sales and marketing of FSC products, harvesting, planting, monitoring, etc); Rules regarding eligibility for membership to the Group;	C C	p.3 of the Umbrella Plan p.4 of the Umbrella Plan Eligibility is explained in the Umbrella plan and includes eligibility under the Classified Forest and Wildlands Program. Voluntary withdrawal and mandatory withdrawal
3.1 The Grimplement for Group applicable according group included. II.	roup entity shall establish, t and maintain written procedures membership covering all requirements of this standard, to scale and complexity of the uding: Organizational structure; Responsibilities of the Group entity and the Group members including main activities to fulfill such responsibilities (i.e. Development of management plans, sales and marketing of FSC products, harvesting, planting, monitoring, etc); Rules regarding eligibility for membership to the Group;	C C	p.3 of the Umbrella Plan p.4 of the Umbrella Plan Eligibility is explained in the Umbrella plan and includes eligibility under the Classified Forest and Wildlands Program.

V. Clear description of the process to fulfill any corrective action requests issued internally and by the certification body including timelines and implications if any of the corrective actions are not complied with; VI. Documented procedures for the inclusion of new Group members;	C (OBS)	The issuance of corrective actions and the decisions to create timelines to fulfill them are described beginning on p.7 of the Umbrella Plan. The Guidance table provides further description of how to issue corrective actions for specific nonconformities. See OBS 2015.4 regarding an opportunity to improve tracking of internal CARs. This is included in the <i>Group Enrollment</i> section of the Umbrella Plan (p. 5).
VII. Complaints procedure for Group members.	С	Complaint procedure is in Umbrella Plan.
3.2 The Group entity's procedures shall be sufficient to establish an efficient internal control system ensuring that all members are fulfilling applicable requirements. 3.3 The Group entity shall define the personnel responsible for each procedure	С	ICF's group management planning documents and procedures and the underlying State of Indiana laws that establish the ICF program provide a framework for an efficient internal control system ensuring that all members are fulfilling applicable requirements. The Umbrella Plan assigns responsibility for group management procedures to ICF staff positions
together with the qualifications or training measures required for its implementation.		located at the state and district levels.
3.4 The Group entity or the certification body shall evaluate every applicant for membership of the Group and ensure that there are no major nonconformances with applicable requirements of the Forest Stewardship Standard, and with any additional requirements for membership of the Group, prior to being granted membership of the Group. NOTE: for applicants complying with SLIMF eligibility criteria for size, the initial evaluation may be done through a desk audit.	С	ICF has established a robust internal evaluation system for the group program. Umbrella Plan describes procedures for initial inspection and reinspection of group member forestlands. In the Umbrella Plan, it is the District Forester's responsibility to inspect all certified group members at 5 year intervals and may conduct site visits during environmental impact assessments or active timber sales. Eligibility to join the Classified Forest & Wildlands Program and the FSC group certificate is determined during initial field visits.
C4 Informed consent of Group members	NE	
C5 Group Records PART 2 GROUP FEATURES	NE	
C6 Group Size	NE	
C7 Multinational groups	NE	
PART 3 INTERNAL MONITORING		
C8 Monitoring requirements	NE	
C9 Sales of forest products and use of the	С	
FSC trademark		
9.1 The Group entity shall document and implement a system for tracking and tracing of forest products produced by the Group	С	ICF has documented the system for Marketing of Forest Products in the Umbrella Plan.

members which are supposed to be sold as FSC certified.		
9.2 For the purpose of ensuring that non certified material is not being mixed with FSC certified material, FSC products shall only be sold according to a sales protocol agreed by the Group members and the Group entity.	С	The sales protocol described in the Umbrella Plan requires that certified material remain physically separate from non-certified material. Auditor viewed conformance with this in Districts 11 & 16 during 2015 site visits (Seng and Hall harvests).
9.3 The Group entity shall ensure that all invoices for sales of FSC certified material are issued with the required information (see FSC-STD-40-004 V2-0 Clause 6.1.1) and are filed by the group members.	С	The sales protocol described in the Umbrella Plan covers the required information in FSC-STD-40-004 V2-0 Clause 6.1.1. Documentation and implementation required to demonstrate conformance to SCS FSC Chain of Custody Indicators for Forest Management Enterprises (above) fulfills the requirements of indicator 9.3.
9.4 The Group entity shall ensure that all uses of the FSC Trademark are approved by the responsible certification body in advance.	С	Documentation and implementation required to demonstrate conformance to SCS FSC Chain of Custody Indicators for Forest Management Enterprises (above) fulfills the requirements of indicator 9.4.